





Digitized by the Internet Archive  
in 2014

<https://archive.org/details/b19974760M2925>

The



# CHEMIST AND DRUGGIST

Established 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

No. 2805  
VOL. CXIX.

NOVEMBER 11, 1933

Annual Subscription (with  
Diary) 20/- Single Copies 9d.

## Baby's First Solid Food

"Allenburys" Malted Rusks are a valuable food from the age of ten months onwards, and may be used even earlier as a stimulus to salivary secretion and a help to teething.

Vitamin D is added to the Rusks during the process of manufacture, in order to lead to the formation of sound bones and teeth.

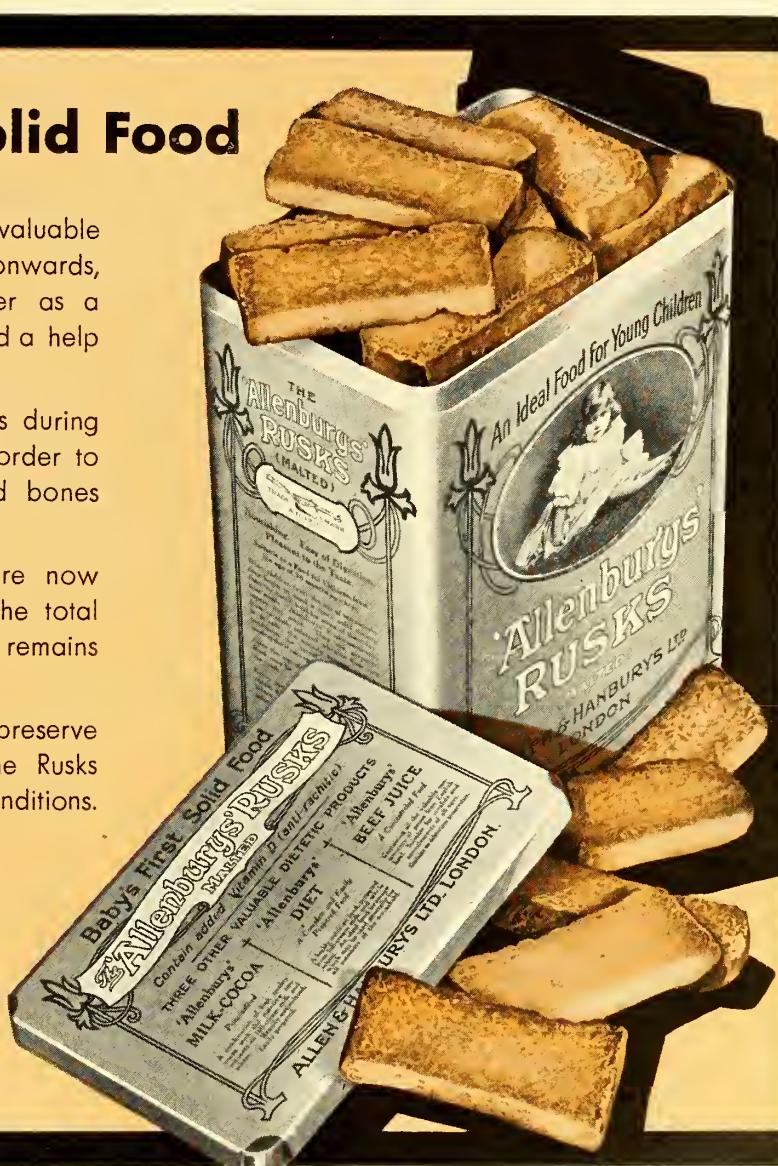
For convenience, these Rusks are now cut to half the original size. The total weight of the Rusks in each tin remains the same.

Being hermetically sealed, the tins preserve the crispness and flavour of the Rusks under the most varied climatic conditions.

In tins, 1/5, 2/3 and 4/6

**Allen & Hanburys  
Ltd.**  
London, E.2

Telephone: Bishopsgate 3201 (12 lines)  
Telegrams: "Greenburys Beth London"

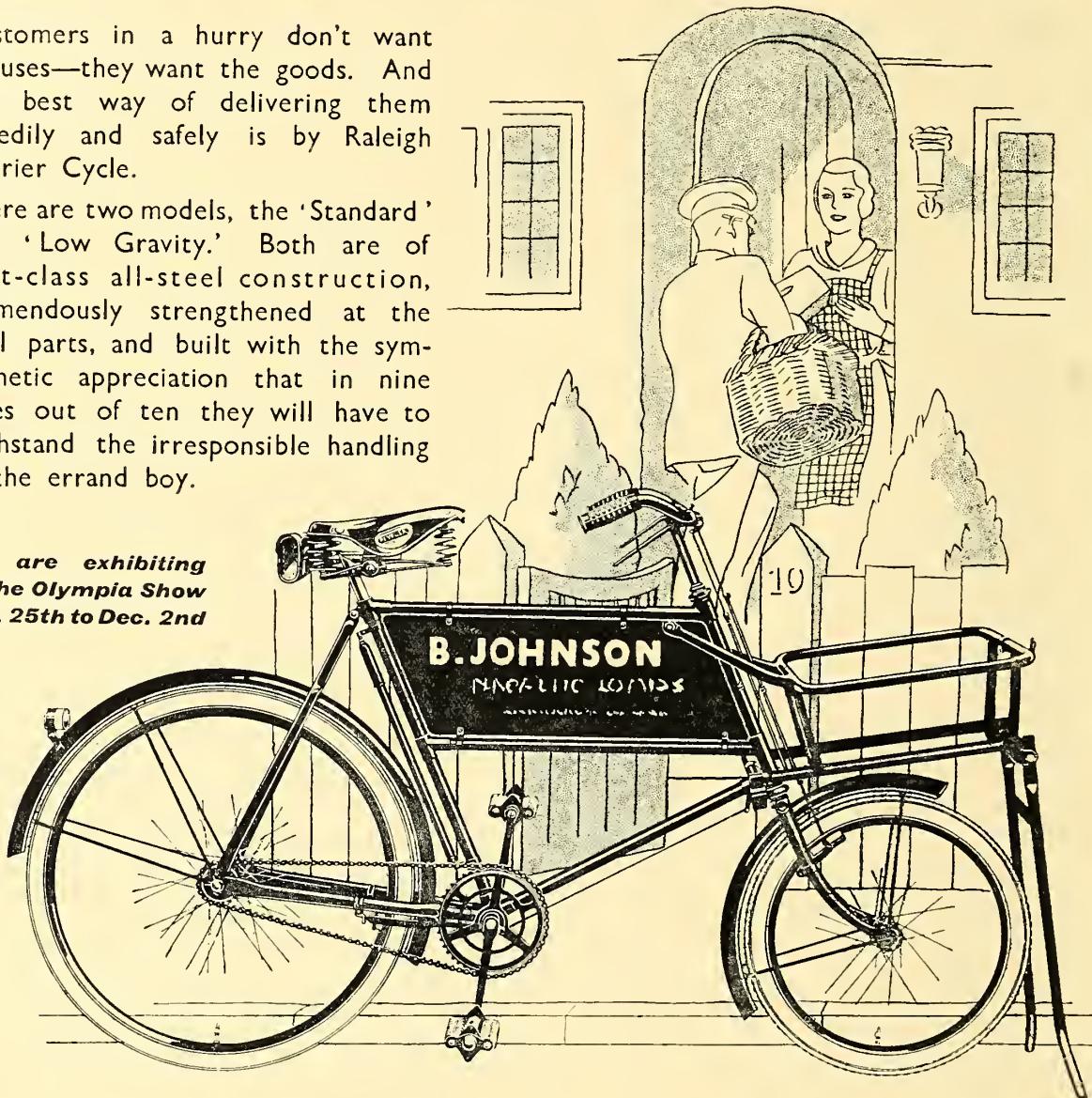


# “Can you let Mrs. Brown have her order in 20 minutes?”

Customers in a hurry don't want excuses—they want the goods. And the best way of delivering them speedily and safely is by Raleigh Carrier Cycle.

There are two models, the 'Standard' and 'Low Gravity.' Both are of first-class all-steel construction, tremendously strengthened at the vital parts, and built with the sympathetic appreciation that in nine cases out of ten they will have to withstand the irresponsible handling of the errand boy.

We are exhibiting  
at the Olympia Show  
Nov. 25th to Dec. 2nd



## LOW GRAVITY CARRIER

Specially designed for carrying heavy or bulky loads without skidding. An instantly operated stand built into the carrier is an important feature.

**£7**

or 12 monthly payments of  
14s. (no deposit).

Basket can be supplied at extra  
charge of 7s. 6d.

Lettering on nameplate 5s. extra (30 letters each side).

## STANDARD CARRIER

at same price and terms.

EVERY RALEIGH CARRIER CYCLE has the  
finest equipment, including BROOK'S SADDLE,  
DUNLOP TYRES, etc.

**DELIVER PROMPTLY BY THE  
RIGID, RAPID AND RELIABLE**

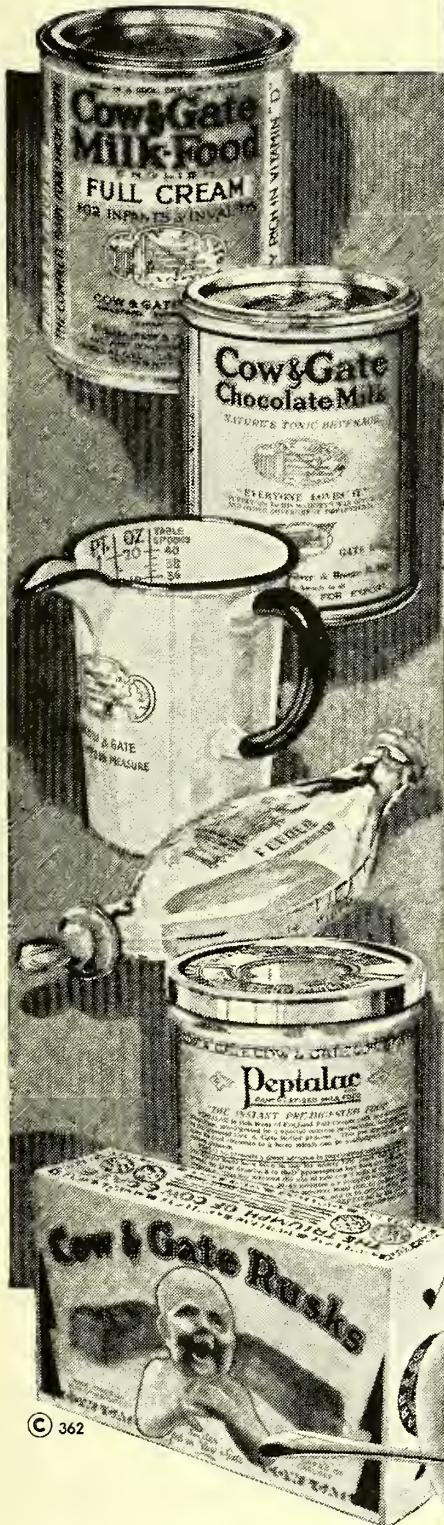
# RALEIGH

## CARRIER BICYCLE

THE RALEIGH CYCLE CO., LTD., NOTTINGHAM

# PRODUCTS

## FROM THE COW & GATE HOUSE



### COW & GATE MILK FOOD

"Cow's milk made safe and suitable for babies." Cow & Gate milk foods are prepared in full cream, half cream, separated and export varieties. Cow & Gate has become famous throughout the world as the most successful substitute when natural feeding fails. Protected retail prices (U.K.) 1/6, 2/9, 4/6 and 7/9 per tin.

### BRESTOL

The humanised cream for babies requiring additional fat. A valuable vitamin cream with a Cod Liver Oil base. Can be used in conjunction with any Cow & Gate food to augment the fat content. A valuable addition where an increase of weight is desired. Protected retail prices 1/1 and 1/10 per jar.

### COW & GATE HALF CREAM

Indicated in cases where fat metabolism is at fault. This condition demands a low fat content with a correspondingly high percentage of sugar. Very valuable for the first three months of life. Protected retail price 2/6 per tin.

### COW & GATE SEPARATED MILK

Indicated for advanced cases of fat intolerance of the coeliac type, also for post-operative feeding in pyloric stenosis. Protected retail prices 1/10½ and 8/6 per tin.

### COW & GATE CHOCOLATE MILK

A most delicious, nutritious, digestible and economical tonic beverage. "The Growing Children's Drink." All the full cream milk is in it. Just make it with hot water. Protected retail prices 1/4½ and 2/6 per tin.

### PEPTALAC

A pancreatised and predigested milk and wheat food. Ideal for invalids and in all cases of gastric troubles, dyspepsia, etc. A splendid nightcap for all. Ideal also for introducing starch into baby's diet at seven to eight months. Prepared in a moment by the simple addition of hot water. Protected retail prices 2/3 and 3/9 per tin.

### SPRULAC

Prepared under the aegis of the School of Tropical Medicine for sprue cases. Protected retail prices 3/3 and 15/9 per tin.

### ALLERGILAC

The milk food for allergic infants prepared for the Great Ormond Street Hospital. Protected retail prices 2/6 and 4/6 per tin.

### FRAILAC

A milk food for frail and premature babies, containing low protein and high evenly absorbed carbohydrate content—replaces the use of sweetened condensed milk. Protected retail prices 1/9 and 3/3 per tin.

### LACIDAC

"A Lactic Acid Milk Food." For all gastric intestinal disorders. Invaluable during and after pneumonia, measles, diarrhoea, and other infectious conditions. Prepared in three varieties, full cream, half cream and separated. Its ease of preparation is an outstanding advantage over the ordinary modification of raw milk according to Marriott's formula. Protected retail prices: Separated, 1/9 and 3/3; Half Cream, 2/- and 3/9; Full Cream, 2/3 and 4/- per tin.

### LACQUIN

A food containing tasteless quinine of a palatable milk base in sufficient strength for prophylaxis of malaria in adults and cure in the case of infants. Protected retail prices 2/9 and 5/- per tin.

### HEMOLAC

A full cream Cow & Gate milk with iron ammonium citrate for anaemic infants—as used in the recent investigations of nutritional anaemia (Medical Research Report No. 157, 1931). Protected retail prices 2/6 and 4/- per tin.

### COW & GATE RUSKS

"The rusk without the risk." Precisely the right texture to develop a child's teeth and jaws. Specially shaped to prevent risk of choking. Made of the finest wheat flour and Cow & Gate milk food. Protected retail price 1/6 per box.

### COW & GATE FEEDERS

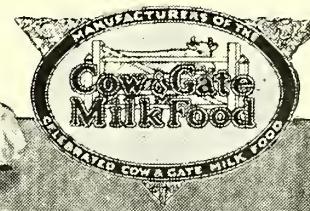
Safe, hygienic. The last word in scientific production. Protected retail prices: Cow & Gate Patent Glass Stoppered Feeder, ensuring automatic and exact regulation of the flow, 2/-, and No. 2 8-oz. Feeder 1/6, No. 3 4-oz. Feeder 1/6.

### COW & GATE MIXING MEASURE

Graduated in ounces and tablespoons. Large enough for heating up a feed in the Cow & Gate Feeder. Protected retail price 2/6.

### COW & GATE "NATURAL" TEAT

The new teat based on the mechanics of breast feeding to ensure the natural jaw development of the infant. Retail price 9d.



## THE BIGGEST VALUE in Gift Suggestions



The new MYATT Daymark Razor Set No. 201, contains a special model Daymark Razor with patented spring knob in handle to prevent the razor moving in the neat walnut colour Bakelite moulded case, which has a beautifully made invisible hinge. Complete with five MYATT Daymark Blades and two blade holders. Unapproachable value—3/6 the set. Trade discount 33 $\frac{1}{3}$ %.

Other Myatt Daymark Sets :  
2/6, 5/-, 10/6, 21/-

## A TREMENDOUS SUCCESS !

THE  
NEW

# MYATT MINOR BLADE



For all  
3-pie Razors.

1 1/2  
EACH  
FOUR FOR 6d.

The finest blade in the World at its price. Second only to the famous Daymark Blade. Already a sure winner. Profit 50% on cost.

**HAVE YOU GOT YOUR STOCK?**

Your Wholesaler can supply

W. J. MYATT & CO. LTD., ARGENT WORKS, BIRMINGHAM

# COME TO COTY HOUSE

You really must not miss a visit to Coty House. You will see the most attractive exhibition of Perfumes and suitable Christmas lines that was ever attempted.

A number of customers and friends claim that a visit to Coty House is indeed a free education.

On the Ground Floor, in a splendid Adam setting, you will see an exhibition of what the Coty Window Display Department can do for you. Our new Christmas Sets are an achievement of which we are proud.

Upstairs, in the equally magnificent Adam Salon, you will see a full collection of 1933 Christmas novelties.

**Come, whether you want  
to buy or not—you will  
be just as welcome.**



COTY (ENGLAND) LTD.,  
COTY HOUSE, 3, STRATFORD PLACE, LONDON, W.1

# THE MALT THAT CANNOT CRYSTALLISE

Are you satisfied that the *Malt Extract* preparations you sell are the best obtainable? Think what it means to have all worry eliminated! We manufacture any combination of *Malt Extract*, *Malt Extract* and *Cod Liver Oil*, and *Halibut Liver Oil*, suitable for any climate.

The best barley obtainable, finest oils, a most modern plant—backed by many years of specialised experience—enable us to claim that ours is the "NO TROUBLE" *Malt Extract*, which cannot crystallise. Furthermore our prices for either bulk or packed, are distinctly interesting. Attractive packings and a choice selection of labels are available, with ample literature and show matter.

WE ALSO MANUFACTURE

## MILLAMALT

THE PERFECT VITAMIN MALT FOOD. A MOST PALATABLE PREPARATION, CONTAINING VITAMINS A.B.C.D. IN CORRECT PROPORTIONS.

•

## BANAEMIA

THE PHYSICIAN'S PRESCRIPTION FOR ANAEMIA. THE MODERN LIVER TREATMENT. SAMPLE AND LITERATURE FREE ON REQUEST.

•

## MALT EXTRACT WITH COD LIVER OIL AND CHEMICAL FOOD

A FAVOURITE COMBINATION IN GREAT DEMAND

You  
Cannot  
Buy  
Better  
than the  
Best

Samples and Prices gladly sent by return of post.

Unless otherwise ordered, all products conform to B.P. 1932.

JEFFREYS, MILLER & CO. LTD  
MALT EXTRACT MANUFACTURERS  
LEYLAND MILLS, WIGAN, ENG.

Telephone: Wigan 2327.

London Address: 73a Durham Road, Holloway, N.7.  
Telephone: Archway 3627.

## INDEX TO ADVERTISERS

Adana, D. A. (Printing Machine) .....	22
Allan Manfg. Co., Ltd. (Cut-Out Letters) .....	22
Allen & Hanburys, Ltd. (Allenburys Rusks) .....	Cover
Aspro, Ltd. (Aspro) .....	xxii
Association of Manfg. Chemists, Ltd. Col. Supp.	
Atomisers, Ltd. ("Millett" Atomisers) .....	xv
Bailey, R., & Son, Ltd. ("Steraid" Dressings) .....	24
Bandoeng Quinine Factories (Quinine and Salts) .....	ii
Barker, R. W., & Co. (Patent Agents) .....	Leader Page
Battle, J. C. M. (Vermin Killer) .....	xxi
Bayer Products, Ltd. ("Luminol") .....	Leader Page
Bell, John, Hills & Lucas, Ltd. (Extract of Malt, &c., with Parrish's Food) .....	Leader Page
Benckiser, J. A. (Tartaric Acid, &c.) .....	iv
Berdoe & Fish, Ltd. (Valuers, &c.) Col. Supp.	
Bishop, Alfred, Ltd. (Varalettes, &c.) .....	5
Bisodol, Ltd. (Bisodol) .....	xvi
Biom, E., & Co. (Beauty Products) .....	16
Boehm, Gustav (Queen Anne Lavender) .....	10
British Drug Houses, Ltd., The (Radiostoleum) .....	Cover
Brook, Parker & Co., Ltd. (Dutch Drops) .....	xvii
Burgoyne, Burbidges & Co., Ltd. (Aspirin Tablets) .....	i
Burrough, James, Ltd. (Spirits of Wine) .....	Leader Page
Burroughs Wellcome & Co. (Calciferol) .....	31
Calder's Yeast Co., Ltd. (Yeast Tablets) .....	xix
Caldicot Tin Stamping Works, Ltd. (Decorated Tins) .....	24
Cartwright, W. B., Ltd. (Moorland Tablets) .....	9
Cephos, Ltd. (Headache Remedy) .....	xiv
Christy, T., & Co. (Co-re-ga) .....	22
Clark, S. F. (Valuer, &c.) .....	Col. Supp.
Continental Laboratories, Ltd. (Taxol) .....	x
Coty (England), Ltd. (Christmas Lines) .....	3
Cow & Gate, Ltd. (Milk Food, &c.) .....	1
Daniel, R., & Son, Ltd. (Sulphur Candles) .....	vii
Dick, W. B., & Co., Ltd. (Liquid Paraffin) .....	xii
Dixor, Ltd. (Toilet Preparations) .....	14
Dudley & Co., Ltd. (Display Counters) .....	xxi
Edwards Harlene, Ltd. (Hair Cream) .....	21
Ephazone Co. (Ephazone Tablets) .....	Leader Page
Etablissements Darrasse Frères (Pepto-Fer) .....	x
Evans, Gadd & Co., Ltd. (Corners Oils) .....	v
Fairy Dyes, Ltd. (Dyes) .....	xviii
Fellows Medical Manfg. Co., Inc. (Fellows Syrup) .....	vii
Fennings, A. (Children's Cooling Powders) .....	Leader Page
Fink, F., & Co. (Gums) .....	22
Ford, Shapland & Co., Ltd. ("Sol-vo" Toilet Paper) .....	28
Fox, Francis F., & Co., Ltd. (Liquid Paraffin) .....	vi
Franklin, J. G., & Sons, Ltd. (Hot Water Bottles, &c.) .....	8
Gardner, W., & Sons (Glos.), Ltd. (Machinery) .....	26
Genatosan, Ltd. (Sanatogen, &c.) .....	xiii
General Electric Co., Ltd. (Gecoray Reflectors) .....	20
George, Ernest J., & Co. (Valuer, &c.) Col. Supp.	
Glycerine, Ltd .....	iii
Grout & Co., Ltd. (Crêpe Bandages) .....	24
Hackett, S. E. (Film Overstocks) Col. Supp.	
Hales Carruthers & Co. (Coltsfoot Rock, &c.) .....	27
Hampden Residential Club .....	Col. Supp.
Hampshire, F. W., & Co., Ltd. (Snowfire Jelly) .....	xiv
Harkness, Beaumont & Co., Ltd. (Malt Extract, &c.) .....	iv
Harringtons (London), Ltd. (Baby Goods) .....	14
Harris, Hart & Co., Ltd. (Glauber Salts, &c.) .....	iii
Harwolds (Chemists), Ltd. (Pymosel) .....	xvi
Healadene Products Co. (Pile Ointment) .....	xvii
Heward, R. H., Co. (Abdominal Belts) .....	28
Hewlett, J. C., & Son, Ltd. (Hot-Water Bottle Covers) .....	24
Hirst, Brooke & Hirst, Ltd. (Jocks Throat Pastilles) .....	xvi
Hobson, Trumble & Co., Ltd. (Feet Plasters, &c.) .....	22
Holroyd's Oil and Ceresine Co., Ltd. (Liquid Paraffin) .....	x
Hubbuck, T., & Son, Ltd. (Oxide of Zinc) .....	vi
Hurtley, F., Ltd. ("Litesome" Body Belt) .....	25
Ibberson, G., & Co. (Razor Blades) .....	16
Jeffreys, Miller & Co., Ltd. (Malt Extract and Combinations) .....	4
Josephs, Philip, & Sons, Ltd. (Shopfittings) .....	Col. Supp.
King, J. C., Ltd. (Christmas Catalogue) .....	22
Kuros Manfg. Co. (Romor Rat Poison) .....	xxi

[Continued overleaf.]



# VARALETTES ASPIRIN NATURAL FRUIT SALINE

**Alfred Bishop LTD**  
48 SPELMAN ST., LONDON, E.1

## INDEX—cont.

Lennon, Ltd. (South African Agencies) .....	xiv	Perry & Hope, Ltd. (Phosphate of Soda) .....	x	Smith, T. & H., Ltd. (Alkaloids) .....	iii
Levermore, A., & Co., Ltd. (Precipitated Chalk) .....	22	Petrolagar Labs., Ltd. (Endrine Nasal Compound) .....	ix	Southall Bros. & Barclay, Ltd. (Sanitary Towels) .....	28
Lothouse & Saltmer, Ltd. (Losall's Salt) .....	xvii	Pifco, Ltd. (Electric Torches) .....	22	South of England College of Pharmacy .....	28
London Capsule Co. ("Adaptocaps") .....	xviii	Ponds Extract Co., Ltd. (Ponds Extract) .....	15	Speer, W. R., & Son (Toothbrushes) .....	10
London College of Pharmacy .....	28	Poth, Hille & Co., Ltd. (Beeswax) .....	viii	Speucer & Co. (Jubol) .....	10
Longman, J. W., Ltd. (Herbaras) .....	viii	Potter & Clarke, Ltd. (Wholesale Druggists) .....	29	Stapleton & Son (Archaniun) .....	xvi
Low, Son & Haydon (Toilet Preps.) .....	22	Prescott, A. (Cacao Butter, &c.) .....	vi	Sterns, Ltd. (Oils, Petroleum) .....	xv
MacAndrews & Forbes, Ltd. (Apollo Liquorice) .....	ii	Radio Times, The .....	7	Surgical Hosiery Co., Ltd. .....	xx
Macleans, Ltd. (Peroxide Vanishing Cream) .....	23	Raleigh Cycle Co., Ltd. (Delivery Cycles) .....	Cover	Thermogene Co., Ltd. ("Thermogene") .....	ix
Manville & Co. (Eau de Cologne) .....	19	Reckitt & Sons, Ltd. (Dettol) .....	xi	Tolkien, C., & Co., Ltd. (Malt Extract) .....	6
Martindale, W. ("E.S.T.P.") .....	xv	Reuter, R. J., Co., Ltd. (4711 Eau de Cologne) .....	17	Tomlinson & Hayward, Ltd. (Veterinary Cod Liver Oil) .....	Leader Page
Matthews, D., & Son (Shopfittings) .....	Col. Supp.	Rivista Italiana delle Essenze e Profumi .....	xii	Townsend, James, & Sons (Fittings, Chemicals, Drugs, &c.) .....	xiv
Matthews Laboratories, Ltd. ("Nostroline") .....	Leader Page	Roberts & Co. (Robuval, &c.) .....	ix	United Chemists' Association, Ltd. (Iodised Throat Lozenges) .....	32
Maund, F., & Berg, E., Ltd. (Showcases) .....	Col. Supp.	Roberts' Patent Filling Machine Co. .....	26	United Glass Bottle Manufacturers, Ltd. (Medical Bottles) .....	Cover
Maw, S., Son & Sons, Ltd. (Clinical Thermometers) .....	11	Robinson & Sons, Ltd. (Sanitary Towels) .....	24	Vareen, Ltd. (Liquid Nail Polish) .....	Leader Page
Mawson Filter Co. (Mawson Filters) .....	22	Roger & Gallet (London), Ltd. (Coffrets) .....	12, 13	Vinolia Co., Ltd. (Christmas Gifts) .....	18
Maxwell, Plaistowe & Co., Ltd. (Sandalwood Oil) .....	iv	Rosmarine Mfg. Co. (Petal Dust) .....	16	Walton, T. H., & Co., Ltd. (Compressed Tablets) .....	xix
Midgley & Parkinson, Ltd. (Yeast Preps.) .....	xix	Roura & Forgas (Quicksilver) .....	ii	Webb, Wm. A., Ltd. ("White Monarch" Balance) .....	14
Millar, A., & Co., Ltd. (Orange Wine) .....	xix	Rutherford, J., & Co., Ltd. (Locarno Toilet Roll) .....	xx	Webster, T., & Co., Ltd. (Stoppers) .....	24
Mitchell, N. W., & Snow, Ltd. (Corks) .....	xviii	Sasso, P., & Figli (Olive Oil) .....	30	Whitaker & Co. (Kendal), Ltd. (Home Dyes, &c.) .....	22
Nobby's Products, Ltd. (Extract for Brewing) .....	xix	Savanil (Saccharin) .....	x	Wilkinson, S. W., & Co. (Ointment Mills) .....	26
Ocean Blades (Gt. Britain), Ltd. ....	16	Scintillating Sign Service .....	xxi	Wilson & Mansfield, Ltd. (Eucalyptus Oil) .....	vi
Orridge & Co. (Valuers, &c.) .....	Col. Supp.	Scott & Turner, Ltd. (Andrews Liver Salt) .....	xvii	Yvonne, W. J., et Cie. (Toilet Preps.) .....	22
Napp, H. R., Ltd. ("Stypticin") .....	v	Scurr, C. A. (Optical Tuition) .....	28	Zeal, G. H., Ltd. (Clinical Thermometers) .....	xx
Nestlé & Anglo-Swiss Condensed Milk Co. (Lactogen) .....	xviii	Sessions, Wm., Ltd. (Embossed Seals) .....	10	Zimmermann, A. & M. (Chemicals) .....	iv
Nobby's Products, Ltd. (Extract for Brewing) .....	xix	Shadeine Co. (Hair Dyes) .....	22		
Silvertown Lubricants, Ltd. (Liquid Paraffin) .....	viii	Sherley, A. F., & Co., Ltd. (Veterinary Preparations) .....	xxi		

## IMPORTANT NOTICE

MALT EXTRACT and  
MALT & COD LIVER OIL  
should now conform to the 1932  
B.P. Standards.

Our products more than conform to this standard and new season's supplies are now available.

An excellent range of new labels is at your disposal.

Before booking your next contract, we suggest that you ask us for samples and prices.

We offer superior quality Malt products at interesting prices.

Send that postcard now!

# C. TOLKIEN & CO. LTD.

MALT EXTRACT WORKS

Telephone: STEETON 69

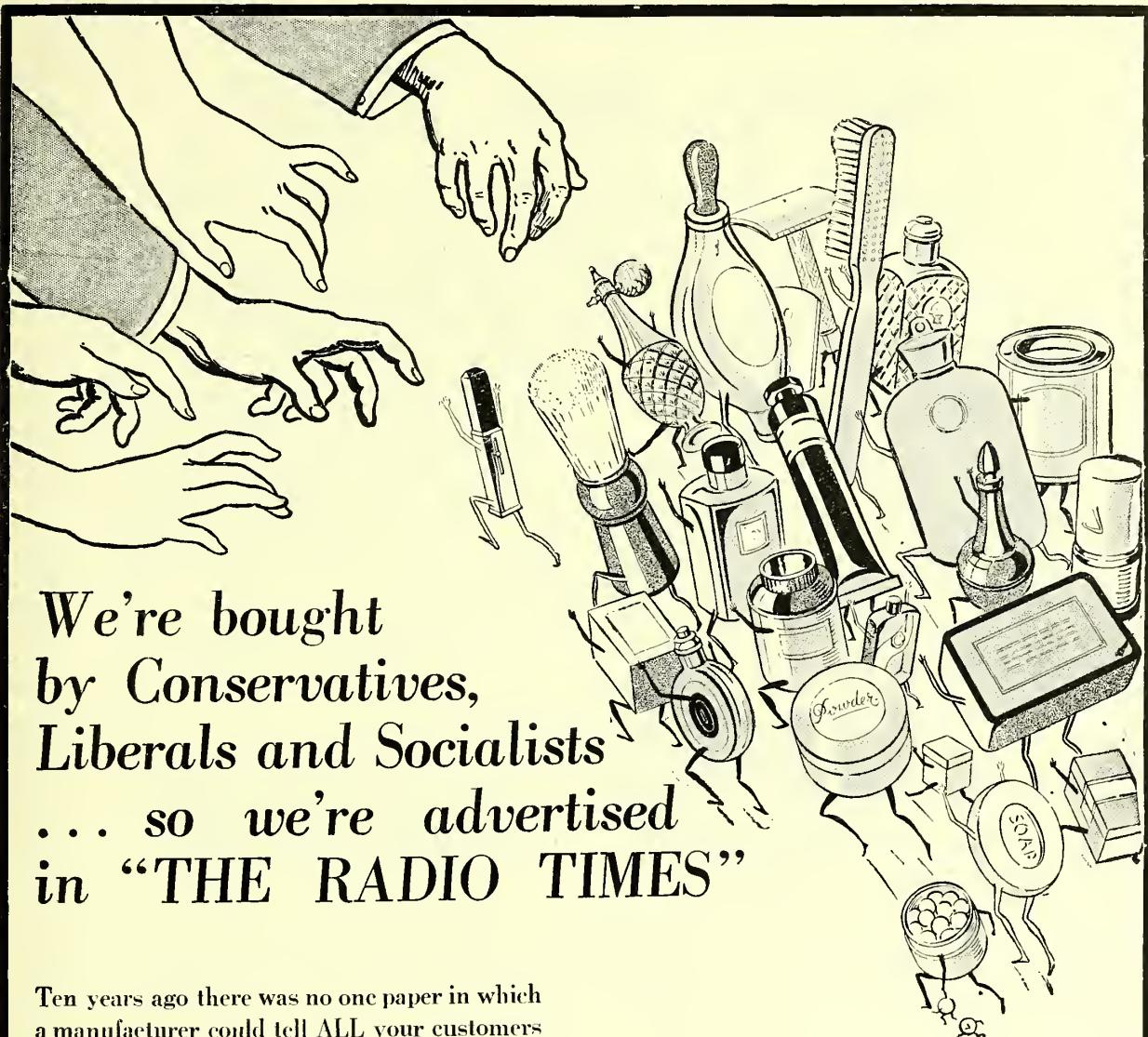
London Address: 461a CALEDONIAN ROAD, N.7

SILSDEN

YORKSHIRE

Telegrams: REMOGEN, PHONE, STEETON

'Phone North 5047



We're bought  
by Conservatives,  
Liberals and Socialists  
... so we're advertised  
in "THE RADIO TIMES"

Ten years ago there was no one paper in which a manufacturer could tell ALL your customers what he made . . . because ten years ago there was no one interest common to the Nation. But times change and side by side with Radio has arisen the great weekly journal with the TWO MILLION CIRCULATION that STAYS IN CIRCULATION for a whole week. Manufacturers who advertise in "The Radio Times" are clear-sighted, big-visioned business men who move with the times. You can confidently stock their goods because a new standard of advertising power is behind them.

All enquiries in connection with advertisements in "The Radio Times" should be addressed to the Advt. Manager, The British Broadcasting Corporation, Broadcasting House, Portland Place, W.1  
Phone : Welbeck 4468

★ It is just as important to have advance information about pleasure programmes as business programmes. You read "The Radio Times" yourself, of course?

**RADIO**  
THE TWO-MILLION WEEKLY  
**TIMES**  
THAT'S READ DAILY

# Now for Bed

and sweet repose, with a warm

## Cosytoes



Each bottle subjected to two individual tests—Air and Steam. Offer your customers the best possible value.

Produced in brilliant embossed colours packed in window display bag.

**Retail 2/6**

Try a window show. You will be amazed at the results.

**SALES EXCEED  
200,000**

**HAND MADE, REINFORCED  
GUARANTEED 12 MONTHS**

STOCKED BY THE FOLLOWING :  
 Messrs. Ayrton Saunders & Co., Ltd.  
 Messrs. Southall Bros. & Barclay.  
 Messrs. G. L. Moores, Ltd.  
 Messrs. Collins Reynolds & Co., Ltd.  
 Messrs. J. H. Haywood, Ltd.  
 Messrs. Evans Sons Lescher & Webb, Ltd.  
 Messrs. A. de St Dalmas & Co., Ltd.  
 Messrs. Hirst Brooke & Hirst, Ltd.  
 Messrs. Heath Bros., Ltd.  
 Messrs. J. H. Holden & Co.  
 Messrs. James Woolley Sons & Co., Ltd.  
 Messrs. The Surgical Hosiery Co., Ltd.

**J. G. FRANKLIN & SONS, LIMITED**  
 BIRKBECK RUBBER WORKS - LONDON, E. 8

Also at NOTTINGHAM.

Makers of Fine Rubber Products for over 60 years.

GUARANTEED 5 YEARS.  
 Immediate orders 20 Models.  
 delivered in time for Enamelled Flap Jack Finishes.  
 XMAS TRADE.

**The Splendor Company**

Pepper Street, NOTTINGHAM.  
 28 Falcon Square, LONDON.  
 17 York Place, EDINBURGH.

ON SALE IN OVER  
 2,000 CHEMIST'S SHOPS.

Obtainable through  
 All Wholesalers.

*The Latest Novelty in Handbag Perfume Sprays.*

**The**

**"Splendor"**

Regd.

It is all metal, mechanically perfect and having no perishable rubber ball attachment will last for ever. Made like a watch and guaranteed.





ANNOUNCING  
THE WINTER CAMPAIGNS  
for

**MOORLAND**  
BRAND  
INDIGESTION TABLETS

The demand for **Moorlands** never slackens. It is maintained by constant recommendations, powerful National Advertising, sales-making display material and a consumer reputation second to none.

'The public will have Moorlands' summer and winter, so keep a forceful display well to the fore in your window and on your counter.

**PENETROL**  
BRAND  
INHALANT

Be right in on the wave of winter **Penetrol** business. To stimulate the already widespread demand for **Penetrol** Brand **Inhalant** at this time of the year we are issuing a strong National Advertising Campaign reaching millions of potential customers. Display Penetrol and attract maximum custom throughout the 'cold' season.

Display material of every description for counter and window is at your disposal.

Manufactured by :

**W. B. CARTWRIGHT LTD.,**  
**RAWDON,** **LEEDS**

# JUBOL

(Chatelain)

## RE-EDUCATOR OF THE INTESTINE

Of immense value for those suffering from constipation and haemorrhoids. Clinical experience has amply justified the use of Jubol in the most characteristic and refractory cases.

*Sold by chemists only*  
**Price 1/3 and 3/-**

*Obtainable from the sole agents*

**SPENCER & CO., 20 Queen Street,**  
British and Foreign Chemists  
**Hammersmith, London, W.6**

*Wholesale only*

*Enquiries invited*

HAVE YOU SEEN  
the new

*Queen Anne*

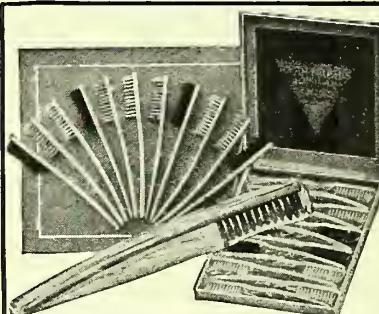
LAVENDER  
Christmas Packs ?

★ If not it will pay you to do so.  
A postcard will bring full particulars.

Sole Distributor:—

**GUSTAV BOEHM,**  
38 Moreland Street,  
Goswell Road, E.C.1.

Clerkenwell 6066



THE  
"STATIC"

Reg. No. 523,523

**TOOTH  
BRUSH**  
BONEHANDLES  
WHITE,  
UNBLEACHED,  
OR BLACK  
BRISTLES

Names free on  
6 doz. lots.

**6/6 per doz.**  
*From all Wholesalers.*

MANUFACTURERS:  
**W. R. SPEER & SON, 215 Dalston Lane, E.8.**

EST. 100 YEARS.



## The Glitter of Gold

Eyes are attracted by the rich colour of Eupax Gold Embossed Seals, which signify Quality, Value, Satisfaction. They are the magnet which draws money from the purses of potential buyers. Try the glitter of golden Eupax Embossed Seals on your goods now and see sales soar. Samples free on request.

**WM. SESSIONS Ltd. The Ebor Press, YORK**



# The Peak Months for Clinical Sales



Autumn ushers in the danger months of the year—the months of Coughs and Colds—the months when it is more than ever necessary for every Household to possess a Clinical Thermometer.

## **Put Maw's new Clinical Salesmaker on your Counter, as a reminder to your customers.**

It will attract immediate attention and its intriguing slogan and convincing sales message will increase your sales of Clinicals automatically.

This new salesmaker is supplied FREE with initial orders for three dozen assorted clinicals. It is strongly made of wood and has a stock drawer at the back with six divisions.

Maw's Clinical Thermometers are made in their own factory and are guaranteed accurate and reliable.

Lose no time in putting this salesmaker to work for you. **Send us your Order Today!**

**S. MAW, SON & SONS, LTD.**  
7-12 ALDERSGATE STREET,  
LONDON, E.C.1

# Roger & Gallet's


**No. 7. GENTS' COFFRET**

1 Large Tube Shaving Cream  
1 Tube Tenax Hair Fixer  
1 Talc.

Retail  
**5/9**

Perfumes { Violette de Parme  
Carnation


**No. 5. COFFRET COLOGNE**

1 Box Face Powder  
1 Perfume  
1 Talc

Retail  
**9/9**


**No. 8. GENTS' COFFRET**

1 Shaving Milk  
1 Talc  
1 Solid Brilliantine

Retail  
**6/9**

Perfumes { Violette de Parme  
Carnation


**No. 1B. COFFRET**

1 Box Face Powder  
1 Handbag Perfume

Retail  
**6/6**

Perfumes { Le Jade  
Pavots d'Argent

Feu Follet


**No. 6. GENTS' COFFRET**

1 Large Tube Shaving Cream  
1 Solid Brilliantine in Glass Jar  
1 Talc.

Retail  
**6/-**

Perfumes { Violette de Parme  
Carnation


**No. 3B. COFFRET**

1 Box Face Powder  
1 Tube Day Cream  
1 Tube Night Cream

Retail  
**4/6**

Perfumes { Le Jade  
Pavots d'Argent  
Feu Follet  
Cologne

# Quality Coffrets

## Make a Perfect Gift

Your professional reputation is built on personal integrity and your discrimination for quality. By selling Roger & Gallet you are selling quality, adding to your prestige and building up a clientele that will always be satisfied

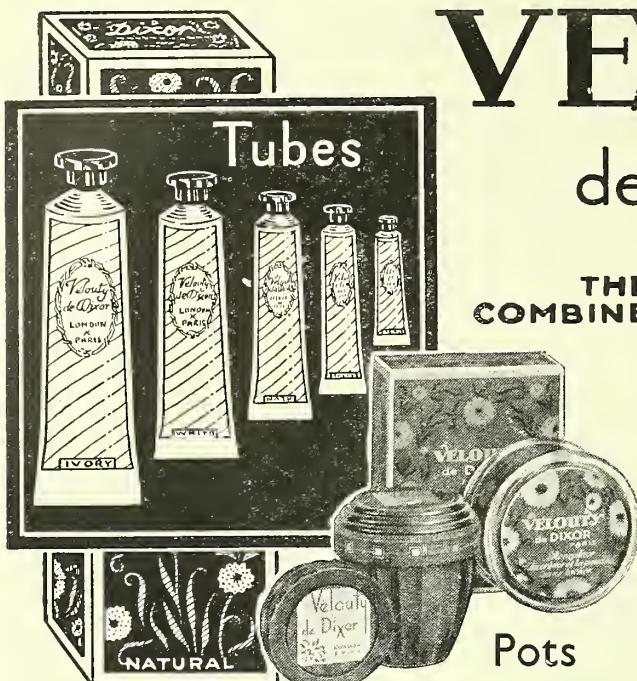


Roger & Gallet guarantee that all their Perfumes, Eaux de Cologne, Toilet Waters, Hair Lotions, are prepared with the best, purest, potable, dutiable S.V.R. spirit obtainable, and not with methylated nor any other industrial spirits known as "DUTY FREE".

**ROGER & GALLET (LONDON) LTD.**

1 LECHMERE ROAD, LONDON, N.W.2

LONDON and PARIS



All packed in five shades:— White, Ivory, Natural, Ochre, Soleil Doré (Sungold)

# VELOURY de DIXOR

LONDON & PARIS

THE ORIGINAL  
COMBINED CREAM AND POWDER

P.A.T.A. Prices:

		Retail	Wholesale per doz.
Tubes, No. 1 ...	... ...	4½d.	3/-
No. 2 ...	... ...	6d.	4/-
No. 3 ...	... ...	1/-	7/-
No. 4 ...	... ...	2/-	14/-
No. 5 ...	... ...	3/-	22/-
Pots, Glass ...	... ...	2/9	21/-
De Luxe (unbreakable)	...	4/6	36/-
The New Unbreakable Handbag Pot	... 1/3	10/-	

The new Alice Delvsa show card 14 ins. high, 9 ins. wide, base 6 ins. deep will be sent on request with other show material. Please state if Counter Display Card is required for the 1/3 handbag pot.

**DIXOR LTD., DANEMERE STREET, LONDON, S.W. 15.**

THE PROPRIETORS OF  
**Harringtons**  
**Squares** (Regd.)

AND BABY GOODS  
ARE NOW OFFERING

**Harringtons**  
**BABY SOAP**

Trade 1/3 per box (3 Tablets). Retail 7½d. per Tablet.  
For many months Harringtons employed all the resources of scientific research to discover a soap free from soda or injurious chemicals: Cleansing and soothing when used on the skin of the youngest baby, yet suited for washing those tiny garments which must always be clean and soft for contact with his sensitive little body. Made under the strictest supervision to Harringtons exclusive formula, Harringtons Baby Soap is the finest soap that has ever been offered for nursery use.

**Harringtons**  
**BABY POWDER**

Trade 8/- per dozen tins. Retail 1/- per tin.  
Prepared from the purest materials, scientifically blended and made under the strictest supervision to Harringtons exclusive formula and stands alone as the Best for Baby.

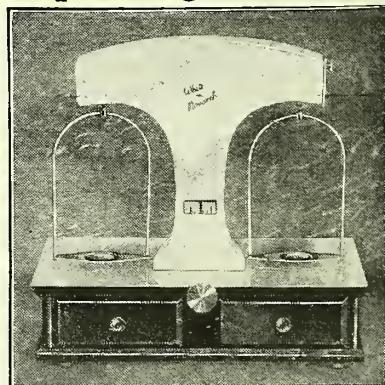
Special offer to the Trade until 15th November, 1933.  
4 boxes of Soap (12 tablets) for 4/6.  
12 tins of Powder for 7/6 or multiples thereof.

**HARRINGTONS (LONDON) LTD.**  
137 Cheapside, London, E.C.2  
National : 2166      Telegrams : "Babydom," London

**PUT 1933 EQUIPMENT IN  
YOUR DISPENSARY WITH**

**The "White Monarch" Enclosed  
Model Dispensing Balance**

ASK YOUR  
SUNDRIES  
HOUSE  
TO SHOW  
YOU A  
"White  
Monarch"



THE HIGH GRADE  
BALANCE OF  
MODERATE PRICE

ENTIRELY PROTECTED FROM DAMAGE, CORROSIVE  
FUMES AND DUST WITH VITAL PARTS ENCLOSED IN  
**WHITE PORCELAIN ENAMELLED HOUSING**

ALTERNATIVE  
FITTINGS

STAINLESS  
STEEL

CHROMIUM  
PLATING

WILLIAM A. WEBB, Ltd., 4/5 Skinner St., LONDON, E.C.1

**IMPORTANT  
DESTAMPING ANNOUNCEMENT**

**POND'S EXTRACT**

BRAND OF HAMAMELIS

**WILL BE DESTAMPED  
ON NOVEMBER 15th**

You are requested to advise us of your requirements of the un-stamped Pond's Extract (Brand of Hamamelis) at once and new stocks will be despatched to you carriage paid. Your present stock of Pond's Extract should

be returned as soon as possible after November 15th. Full credit and entire cost of carriage will be placed to your account. Retailers who have no account with us can arrange exchange through their wholesaler.

**Please do not return present stocks**

 **till after NOVEMBER 15th** 

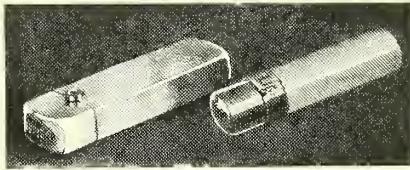
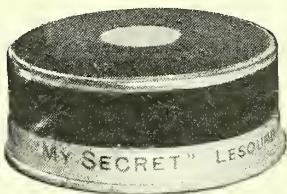
**POND'S EXTRACT COMPANY LIMITED**

*Wadsworth Road, Perivale, Greenford, Middlesex*

# LESOURD PIVERT

(LONDON & PARIS)  
ESTABLISHED 1876

- ANNOUNCE INTRODUCTORY **BONUS** PARCEL OF **"My Secret"** BEAUTY PRODUCTS  
POWDER, ROUGE, LIPSTICK,  
NAIL POLISH, EYE COSMETIC, PERFUME
- DISPLAY THIS NEW POPULAR RANGE  
AND MEET THE INCREASING DEMAND  
IN **YOUR** DISTRICT
- ORDER NOW AND FEATURE THESE  
WIDELY - RECOMMENDED COM-  
PLEXION AIDS WHERE YOUR WOMEN  
CUSTOMERS CAN SEE THEM



- POWDER 6d. and 1/-  
NAIL POLISH 6d. and 1/-  
EYE COSMETIC 6d.
- LIPSTICK 6d. and 1/-  
PERFUME 1/- and 2/6  
ROUGE 6d.
- TRADE TERMS—LESS  $33\frac{1}{3}\%$   
£2 PARCEL (MIXED) 13 TO THE DOZ.

CASH WITH ORDER

• Distributors

**E. BLOM & CO.**

52 ARTILLERY LANE, LONDON, E.1.  
PHONE NO. AVE. 3860

# The Public are Calling

for

# PETAL DUST

"Wherein the subtle savour of the Flowers  
sublimely dwells."

## THE GREAT FLORAL AIR PURIFIER

*A Trial will convince you that—*

**PETAL DUST**, when once shown, creates its own demand, and is therefore a valuable adjunct to every "go-ahead" store.

**PETAL DUST**, when displayed prominently upon your counter, will attract prudent customers by the fragrance of its unique odour, which to-day is of such universal admiration.

**Retails in packets at 4d. and 8d. each.**

Attractive Advertising matter free on request.

Obtainable through all the usual Wholesale Houses or  
from Sole Producers:—

**The Rosmarine Manufacturing Co.**  
LONDON, S.E.1.



### STOCK THE NEW IMPROVED "OCEAN SUPER" BLADES THE FINEST BRITISH-MADE BLADE

Truly a Super Blade—vastly improved and a revelation at the price. Only finest quality steel used, giving lasting keen edge. Standard 3-hole Type.

**OCEAN "SINGLE-EDGE"** Suitable for Razor Holders. Finest Charcoal Steel. Packed in fives. 60 in box.

**OCEAN "AUTO"** Specially made for Auto-strop type of holders. A long-life blade which makes life-long friends. Packed in fives. 120 in box.

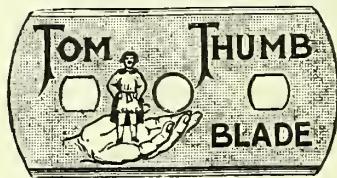
**CONQUEROR** Far and away the finest 5/- gross. Leading wholesalers carry stocks. Display Matter Free. For direct supplies send cheque or P.O. to

**OCEAN RAZOR BLADES (Gt. Britain) Ltd.**, Sales Dept., 146 Bridgewater Place, E.C.1. (Clerk 6257.) Blades also made under customer's own name—state quantity. (8)

# HANG IT UP AND LET IT SELL ITSELF

1 D.  
Each  
Retail  
British Made

Supplied on cards or  
boxed. Show cards  
with every order.



MADE BY  
GEORGE IBBERSON & CO.  
Razor Works, 146 West St., Sheffield

# TRUTH WILL PREVAIL

When all substitutes have revealed their weaknesses, when undignified imitations have failed to conceal their inefficiency, the original quality of "4711" Genuine Eau de Cologne will remain supreme.

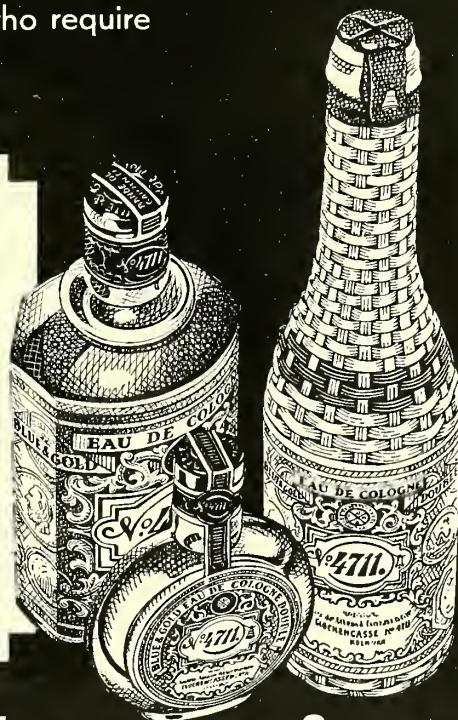
There is no substitute for "4711" Genuine Eau de Cologne because it is impossible to produce an article of "4711" quality and excellence at a lower price. Those who require the best will insist on "4711".



**"4711"**  
*Genuine Eau de Cologne*  
*Original bottles 8/9 and 4/9,*  
*Watch Shape bottles for Handbag 2/6 & 4/9.*  
*Other styles up to 52/6.*

*For Christmas Gifts*  
*Christmas Presentation Cases*  
*containing "4711" Genuine Eau de Cologne*  
*and "4711" Toiletries—*  
*a wide choice from 2/9 to 36/-.*

PRICES SUBJECT  
 TO THE USUAL TRADE DISCOUNTS  
 Sole Concessionnaires for Great Britain and Ireland:  
 R. J. REUTER COMPY. LTD., 69, Carter Lane,  
 LONDON, E.C.4.



# Genuine *Eau de* Cologne

BLUE & GOLD LABEL



*Detailed List on Application*

VINOLIA CO., LTD., BEBINGTON, CHESHIRE

**Luxury Products  
at  
Popular Prices**



C.D.

*Manville*

**Eau de Cologne**

*The Loveliest of all Colognes*

MINIMUM RETAIL PRICES

1oz : 1s. 3d.	8oz : 4s. 6d.	} IN CARTON
4oz : 2s. 6d.	16oz : 8s. 6d.	

MANVILLE ENGLISH LAVENDER WATER IS ISSUED  
IN A SIMILAR STYLE AND AT THE SAME PRICES

**MANVILLE LTD.,**  
114, 116, Marylebone Lane, London, W.1

Manville Perfumery  
is of attractive style  
and will give a fresh  
impetus to sales.  
A small outlay will  
provide you with  
a good range of live  
sellers. Write for  
list and terms

# G.E.C. MODERN SHOP WINDOW ILLUMINATION

The "GECORAY" system of Shop Window Lighting uses light to the best possible advantage.

The "GECORAY" system gives brilliant flood-lighting of your displays at the cost of ordinary lighting.

The "GECORAY" system of Shop Window Lighting can be arranged to provide beautiful and arresting colour-combinations.

"GECORAY" Reflectors will suit windows of any shape or size.

OSRAM LAMPS are recommended for use with the "GECORAY" system of Shop Window Lighting.

MADE IN ENGLAND

# GECORAY

SILVERED GLASS REFLECTORS

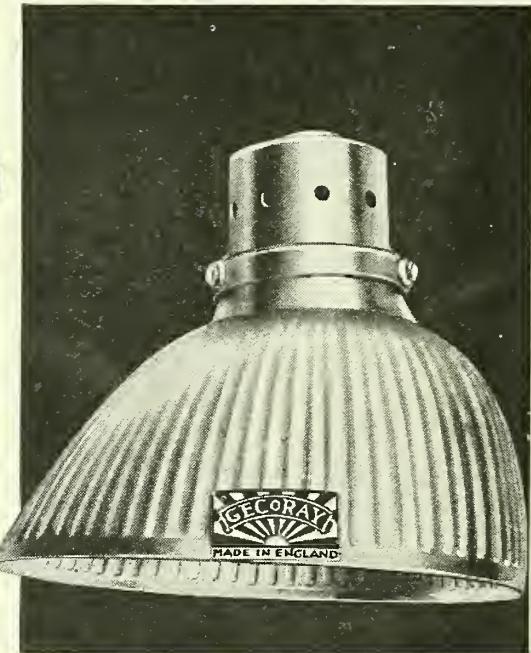
## System of Shop Window Lighting

Manufacturers (Wholesale only) :

THE GENERAL ELECTRIC COMPANY LIMITED

Head Office and Public Showrooms : MAGNET HOUSE, KINGSWAY, LONDON, W.C.2

Branches throughout Great Britain and in all principal markets of the world.



## Guarantee

We hereby guarantee for a period of **FIVE YEARS** from date of purchase to replace free of charge any "GECORAY" reflector that checks, peels or tarnishes if used with the lamp specified.

WRITE for copy of Folder F6344, describing the "ALL-BRITISH GECORAY" System of Shop Window Lighting—sent POST FREE on application.

# Paving the Way TO EVEN BIGGER SALES

Week in, week out; month in, month out; year in, year out; bold compelling "HARLENE" Advertisements appear in millions of copies of the most powerful sales promoting newspapers in the land. They KEEP ON reminding the public, time after time, of the merits of "HARLENE" Hair Toilet Preparations. Among the most popular in the "HARLENE" Range are :

**"HARLENE" HAIR GROWER & TONIC**  
**"CREMEX" SHAMPOO POWDERS**  
**"UZON" BRILLIANTINE**  
**"HARLENE" WAVE-SETTING LOTION**  
**"HARLENE" Camomile**  
**Golden Hair Wash**  
**"ASTOL" HAIR COLOUR RESTORER**

And A NEW Line

**"HARLENE" HAIR CREAM**

(2 Sizes — 1/1½ & 2½)

Keep adequate stocks on hand to meet the demand in your district. Kindly address all communications to:

**Edwards**  
**HARLENE**  
 LIMITED

20-26 Lamb's Conduit St., LONDON, W.C.1



# PRECIPITATED CHALK

**LIGHTEST—MEDIUM—DENSE.**  
And All Other Grades To Suit Every Purpose.  
Prepared Chalk B.P. and Powdered Talc.

'Phone: Mansion House 7300. Tel. Add.: "Levermore, Phone, London."  
**A. LEVERMORE & CO. LTD.** ABC Codes.  
110 CANNON STREET, LONDON, E.C.4. 6th Edition.

# DYES!

**ENSURE SATISFACTION!**  
Buy from  
**WHITAKER & CO.**  
(KENDAL) LTD.  
The Chemists' Dye Specialists  
Kendal, Eng.



Always recommend—

**LUTON** Straw Hat Dyes  
**AURORAL** Cold Water Dyes  
**WINNER** Home Dyes  
**WINNER** Stocking Dyes

SPECIAL PRICES AND TERMS FOR EXPORT

# GUMS

**TRAGACANTH**  
and **ARABIC**

As Imported or Finely Powdered

## WHITE SHELLAC

FREDK. FINK & CO., 10 & 11 Mincing Lane, London, E.C.3  
Telephone: ROYAL 5094

## MAKE MONEY with an ADANA AUTOMATIC PRINTING MACHINE 45/-

Thousands of users are making an excellent  
living printing for local Tradesmen, Sports  
Clubs &c. Extreme simplicity. Government  
Depts., Printers and Big Stores are  
large users. Prints any matter from a  
Label to an Illustrated Magazine.  
Fully illustrated instructions. Write for  
illustrated details and samples of work.



EASY PAYMENT TERMS.  
Depots: 107, Fleet St., London, & 60, Oldham St., Manchester.  
D.A. Adana, Dept. C.D.2, Church St., Twickenham.

## SHADEINE FOR TINTING GREY HAIR



This popular article is largely advertised  
and stocked by all Wholesale Houses.  
Trial size 8d. per doz.  
1/4 size, per doz. .. .. .. .. 12/-  
2/6 size, per doz. .. .. .. .. 24/-  
3/9 size, per doz. .. .. .. .. 30/-

The SHADEINE CO., 58, Westbourne Grove, London, W.2

## Louis de Luxe Products ALL TOILET PREPARATIONS

PROPRIETORS:  
**Low, Son & Haydon, Limited**

5 GT. QUEEN ST., LONDON, W.C.2  
COURT  
TELEPHONE: HOLBORN 6410  
EST. 1790. PERFUMERS



**CUT OUT** thick cardboard **LETTERS**  
IN ANY COLOUR. SIZE 1". FOR NOTICES, etc.  
Can be fixed 100 anywhere for **2/-** Send for samples  
and Price Lists

Dept. B, ALLAN MANUFACTURING CO. LTD.  
37 Farringdon Street, E.C.4.  
Makers of DAYLIGHT (SUNGLO), ELECTRIC and  
High-Class Signs of all types.

## DRY BATTERIES SELL ALL THE YEAR ROUND

PIFCO carry a twelve months' storage  
guarantee and only cost 4½d. subject.

Illustrated Catalogue free.  
85 PIFCO HOUSE - MANCHESTER

**KING'S**  
**CHRISTMAS CATALOGUE**  
OF  
WINDOW POSTERS, SHOWCARDS, WINDOW VALANCES,  
ARTIFICIAL HOLLY, FILLINGS AND DISPLAY NOVELTIES  
**IS NOW READY**

Send for List No. 1,464, Post Free on Application.  
J. C. KING, Ltd., 42-60 Goswell Rd., London, E.C.1

## MAWSON FILTERS

The MAWSON FILTER Co., 20 Grainger St. W., Newcastle-on-Tyne

always give satisfaction. They  
eliminate all risk of water  
contamination. Simple in  
construction, they do their job  
efficiently at a minimum cost.  
They have a world-wide reputation.  
May we send you our descriptive  
list? Overseas enquiries  
specially invited.



From the usual  
Wholesalers or  
direct—  
**HOBSON,  
TRIMBLE  
& CO. LTD.**  
11 Union St.,  
LEEDS.

## FREE and POST FREE NEW CO-RE-GA CARD

Display it and increase your sales  
THOS. CHRISTY & Co., Old Swan Lane, London, E.C.4



Leading  
**6d**  
Lines

**BIGGEST SELLERS**  
Greatest Value & Quality  
SOON TO BE  
NATIONALLY ADVERTISED

Spendid Show Material available.  
Write to-day for Samples and Prices.  
W. J. YVONNE et Cie, Ltd., 8a Lord St., LIVERPOOL.  
(Also London and Paris.)

Now! Macleans Peroxide  
Vanishing Cream to link  
up with Toothpaste Sales!

NEARLY  
100%  
PROFIT  
ON OUTLAY

After Macleans Peroxide Toothpaste comes Macleans Peroxide Vanishing Cream—a new skin cream with a new selling point—with a ready-made market among women who make Macleans their dentifrice. Macleans to whiten the teeth—Macleans to whiten the skin! Here's a combination which helps you to make two lucrative sales at once. And this vanishing cream business is profitable, for it yields nearly 100% profit on cost, and sales come in quickly. For this new toilet, attractively packed in silver, green and black, retails at 6d. and 1/-—the quickest selling market prices of today.



Display these dainty silver, green and black packs in your Christmas windows, and make a magnet for the feminine eye.

# MACLEANS PEROXIDE CREAM

VANISHING

## PRICES

Tubes, handbag size	- 3/6	per dozen.	Retail 6d.
3 dozen and over	- 3/3	"	"
1 oz. Opal pots, cartoned, 6/3	"	"	Retail 1/-
3 dozen and over	- 6/-	"	"

### MACLEANS COLD CREAM

(Packed to match, prices as for Vanishing Cream)

MACLEANS LTD., GREAT WEST ROAD, BRENTFORD

Phone: Ealing 6616



PRODUCTS

GENERAL PROFITS — QUICK SALES



# "STERAID" Regd. Dressings

Patent No. in Great Britain  
221761/1924 and patented in all  
the principal foreign countries.

Patent Rotating Canister packing to retain aseptic conditions. In use, only  
the amount required is withdrawn and cut off. The remainder is not exposed

GAUZES.				LINTS.			
Minimum Public Prices Each	Minimum Trade Prices Per Doz.	Minimum Public Prices Each	Minimum Trade Prices Per Doz.	Min. Public Prices	Min. Trade Prices	Min. Public Prices	Min. Trade Prices
6-yd.3-yd.1-yd.	6-yd.3-yd.1-yd.	Plain Absorbent	1/10 1/2 -/8 1/2	16/6 10/6 6/1	2 in. wide	8 1/2 d. each	6/3 doz.
Sal Alembroth	2/0 1 3/2 -/9	Double Cyanide	2/1 1/4 -/9 1/2	18/2 11/4 6/5	4 "	1/1 "	9/4 "
Sublimate	17/10 11/2 6/4	Iodoform 5%	2/10 1/8 -/10	25/6 15/- 7/7	6 "	1/6 "	13/9 "
Carbolic		Picric					
Boric							

ORDER THROUGH USUAL WHOLESALER.

**ROBERT BAILEY & SON LTD., Marriott Street Mills, STOCKPORT**  
'Phone: Stockport 2794 and 4166. London Office: Sentinel House, Southampton Row, W.C.1

Wires: "Undisputed, Stockport."



Open.

## THE "CHARLOTTE" (Regd.) HOT-WATER BOTTLE COVER

"Its novelty consists in the cover which encloses the stopper completely."—*British Journal of Tuberculosis.*

"Accidents certainly happen with some frequency through the employment of uncovered bottles."—*The Lancet*

THE ONLY SATISFACTORY HOT-WATER BOTTLE COVER ON THE MARKET.

Best Quality. (Velour)	2nd Quality. (Plushette)	Best Quality. (Velour)	2nd Quality. (Plushette)
8×6 in.	14/-	12/- doz.	18/-
10×6 in.	15/-	13/- "	16/- doz.
10×8 in.	17/-	15/- "	12×10 in.

12×8 in.	18/-	16/- doz.
12×10 in.	21/-	18/9 "
To fit the moulded hot-water bottle, size 11 1/2"×8"		
Velour 20/- doz. Plushette 17/- doz.		

Supplied in pink, blue, peach and grey.

MANUFACTURED ONLY BY

**C. J. HEWLETT & SON, Ltd., 35/42 Charlotte St., London, E.C.2**



Closed.

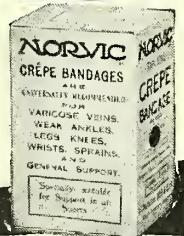
## DISPLAY

# NORVIC

Regd.

## CRÈPE BANDAGES

A well-advertised  
P.A.T.A. line  
showing 33 1/3% profit



Stocked by leading Wholesalers. Sole Manufacturers: Grout & Co., Ltd., 35 Wood St., London, E.C.2

## STOPPERS AND BAKELITE SCREW CAPS

200 Varieties  
Any Colour.

T. WEBSTER & Co., Ltd.

Telephone: Mountview 0952  
Diamine House, Middle Lane, Hornsey, LONDON, N.8

A suitable Composition Stopper will enhance the selling value of your package. Let us fit your Bottles and quote you.

Telephone:  
Mountview 0952

• Winning new customers  
for over 40 years!



From your  
Wholesale  
House, please.  
A superior quality hygiene and a great  
favourite with women. Also SU-CAN  
Soluble, for easy disposal.

ROBINSON & SONS LTD., CHESTERFIELD & LONDON

WE SUPPLY

## DECORATED TINS

FOR PACKING

## OINTMENTS

AND OTHER PRODUCTS.

SAMPLES AND PRICES UPON REQUEST.

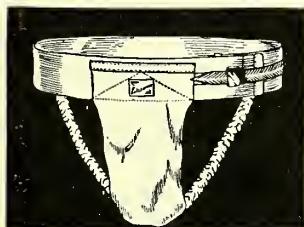
THE CALDICOT TIN STAMPING WORKS LTD.  
CALDICOT, Nr. CHEPSTOW, Mon.

# A WELL KNOWN CHEMIST PRAISES THE "Litesome" BELT

Every day we receive testimonials from satisfied wearers of the "Litesome" Belt—people who talk about it and recommend it to their friends, bringing *you* enquiries and sales. In order to increase our distribution we are making a special offer to the trade of

**3 FOR THE 2**  
PRICE OF 2  
7/6 Profit on 6/- outlay

Extensive advertising in the "Strand Magazine," "Motor Cycle," "Health and Strength," "Horse and Hound," etc., is creating the demand—there is a genuine 50% profit for you on every belt you sell if you will co-operate by carrying a small stock.



The "Litesome" Belt is worn by all leading sportsmen, including the two recent Test Teams, practically every racing motorcyclist and cyclist, and is recommended by over 3,000 doctors.

The "Litesome"  
**BODY BELT & SUPPORTER**

**OUTLASTS 6 SUSPENSORY BANDAGES**

Two types: **EVERYMAN**, adjustable belt; **SPORTS**, elastic belt. Two Sizes: 28-34 ins. and 34-40 ins. waist. Soft and cosy as finest underwear, made from fine woven material, washable, unshrinkable, thoroughly hygienic.

Post this coupon, with remittance for 6/- or mark C.O.D. This special offer will enable you to meet immediate demands—and test the value and quality. Usual price 36/- per dozen.



ATTACH YOUR CARD—AND POST TO-DAY

**FRED HURTLEY LTD.**  
KEIGHLEY

Dear Sirs,  
Having sold Body Belts and suspensory bandages for 35 years I never realised the difference in them till I had occasion to wear one. I sampled all makes and eventually tried a "Litesome"—it was a marvellous improvement. It is delightfully comfortable to wear and gives a wonderful feeling of security.

## ATTRACTIVE DISPLAY MATERIAL—FREE

We have a fine range of tasteful yet striking DISPLAY CARDS, etc. that only have to be shown to sell the Belt. A supply will be sent FREE with this special offer.



## SPECIAL OFFER

**3 for the PRICE of 2**

To: **FRED HURTLEY LTD.**  
Victoria Park Mills, KEIGHLEY.  
Please send me 3 "Litesome" Body Belts to sell at 4/6 each, at the total cost of 6/-.

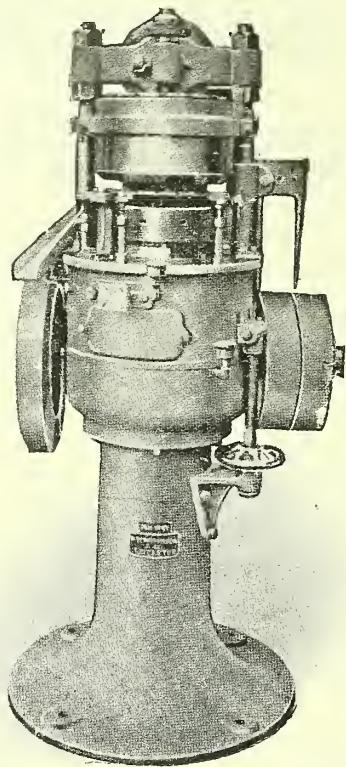
Nett Cash (6/- enclosed)

or  
Please send C.O.D.

\*Please cross out line not required.

SIZES ..... } Can be  
TYPES ..... } assorted  
SIGNED ..... as desired.

**7/6 PROFIT on an Outlay of 6/-!**



# S. W. WILKINSON & CO.

## WESTERN ROAD, LEICESTER.

### Rotary Tablet Machines

These Machines are now made in 4 sizes :

- 12-Punch Ordinary for Tablets from  $\frac{3}{8}$ " to  $\frac{7}{8}$ " diameter.  
Output 400 per min.
- 20-Punch Ordinary for Tablets from  $\frac{1}{4}$ " to  $\frac{1}{2}$ " diameter.  
Output 700 per min.
- 12-Punch Heavy for thick Tablets and Blocks 1" diameter.  
Output 250 per min.
- 18-Punch Heavy for thick Tablets and Blocks 1" diameter.  
Output 400 per min.

LISTS ON APPLICATION.

Single Punch Machines made in 5 sizes  
for Tablets from  $\frac{1}{8}$ " to  $1\frac{1}{2}$ " diameter,  
also Lozenges.

### MACHINES FOR BATH SALT TABLETS

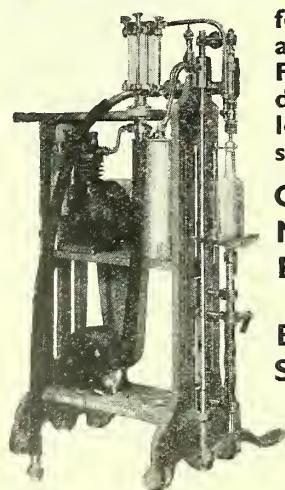
ROBERTS' PATENT

### "LEO" VACUUM FILLER

for Glass, Stone,  
and Tin Bottles.  
Fills all sizes from  
drachm to quart—  
long, short or  
sprinkler neck.

Clean and Rapid  
No Over Filling  
Broken Bottles  
Rejected  
Easy to Clean  
Self Rinsing

WRITE FOR  
PARTICULARS



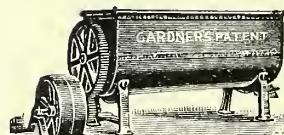
### Roberts' Patent Filling Machine Co.

T. ROBERTS, Proprietor,

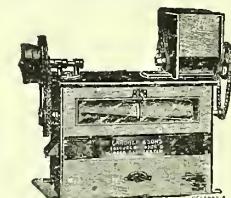
33 Roundcroft Street, Bolton, Lancashire  
Makers of every description of Bottle Filling and Shallow  
jar and Tin Filling Machine for the Chemists' use.

ALL RIGHTS RESERVED

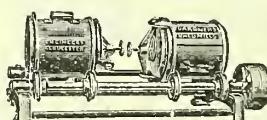
### GRINDING SIFTING MIXING



Patent "Rapid" Mixer.



Patent "Rapid" Sifter.



Gardner Ball Crushing Mill.

for Chemical purposes  
must be rapid, super-  
fine, of laboratory ac-  
curacy, and absolutely  
consistent.

Gardner machines  
perform all these  
operations in the most  
efficient way.

They are economical  
and efficient; a high  
standard is maintained  
in the quality and  
quantity of their out-  
put.

Details and Catalogue of  
all Gardner plants from

**WM. GARDNER  
& SONS (Gloucester)  
LTD.**

**BRISTOL ROAD, GLOUCESTER**

Telephone: 2288 (2 lines).  
Telegrams: "Gardner, Gloucester."  
London Office: 19 Gray's Inn Chmrs.  
20 High Holborn, W.C.1.  
Telephone: Chancery 7347.

**ANNOUNCEMENT TO THE TRADE****P. G. HALES LTD.**

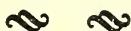
Sole Manufacturers and Proprietors of

**HALES****OLDE ENGLISH  
COLTSFOOT  
ROCK****3d. pkts.****6d. pkts.****1d.  
Sealed Sticks****SELAH  
GLUCOSE  
BARLEY SUGAR****3d. pkts. &  
7½d. Jars***and***ADAMS  
GLUCOSE PRODUCTS**

announce that their products are now exclusively distributed to the wholesale and retail trade by:

**H A L E S  
CARRUTHERS  
& CO.,****4 Cranbrook Road, Ilford,**

to whom enquiries and orders should be sent.



*These lines by consistent merit have become the leaders of their class and in their own interests our chemist friends should REFUSE SUBSTITUTES*

# SOL-VO SELLS ITSELF



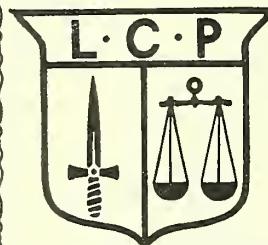
SOL-VO gives a good margin of profit to the Chemist and is economical for the customer because it contains nearly three times as much paper as the "so-called" cheap varieties. It pays to stock and display SOL-VO. Why not give it a trial?

FORD, SHAPLAND & CO. Ltd.

GT. TURNSTILE, HIGH HOLBORN,  
LONDON, W.C.1

Telephone: Holborn 4695.

## OLD CYANIDES



### ANNUAL REUNION DINNER DANCE

Thursday, 23rd November  
Waldorf Hotel, Aldwych  
Dinner 7 for 7.30 p.m.  
Dancing till 2 a.m.

TICKETS 9/6

LONDON COLLEGE of PHARMACY  
361 Clapham Road, London, S.W.9.

## THE SOUTH OF ENGLAND COLLEGE OF PHARMACY

186 Clapham Road, LONDON, S.W.9.

Principal—H. LUCAS, Ph.C., F.C.S.  
assisted by a fully qualified and efficient staff.

### EXAMINATION RESULTS, SESSION 1932-3.

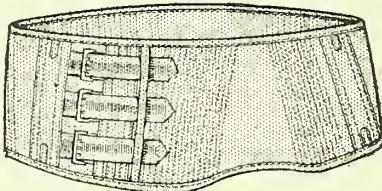
During the past Session (Jany.-Octr.) 60 students passed from this College. Part I., 22; Part II., 38.

Revision Courses for both Parts start on 8th January. Fee, 3 months, 10 guineas.

FOR ALL PARTICULARS, PROSPECTUS, ETC.,  
APPLY THE PRINCIPAL.

## THE R. H. HEWARD CO.

# WINTER PROTECTION!



## Ladies' and Gents' ABDOMINAL BELTS IN ALL QUALITIES

### The R. H. HEWARD Co.

CROWN ROAD WORKS,  
TWICKENHAM, MDDX.

'Phone: Popesgrove 2094      Telegrams: Beltruss, Twickenham

## Personal Tuition in— OPTICS

MANY SUCCESSES IN THE EXAMINATIONS.

### Your opportunity to QUALIFY IN OPTICS

PRACTICAL WORK. Personal tuition in the practical work is a distinctive feature. Students can avail themselves of the practical classes held during examination times when they are in London. Expert tuition for the SIGHT-TESTING DIPLOMAS of the Worshipful Company of Spectacle Makers (F.S.M.C.), the British Optical Association (F.B.O.A.), the National Association of Opticians (F.N.A.O.), and the College of Optics (F.C.O.).

Write for Syllabus:—

C. A. SCURR, M.P.S., F.S.M.C., F.B.O.A., F.I.O., F.N.A.O., F.C.O.  
50 HIGH STREET, BARNET, LONDON, N.

## SOUTHALLS SANITARY TOWELS

All the year round publicity, appearing in virtually every newspaper and magazine read by women, ensures steady sales to the dealer who stocks Southall's products.

- "ORIGINAL," most popular.
- "CELTEX," soluble.
- "K," made entirely of absorbent cotton wool, with very soft cover.
- "COMPRESSED," for Travel.



SOUTHALL BROS. & BARCLAY LTD. BIRMINGHAM

# POTTER'S

## *Catarrh Pastilles*



The well-known  
remedy for all  
bronchial complaints

P. A. T. A.  
1s. 3d. 11/-doz.  
IN BOXES  
OF  $\frac{1}{2}$  DOZ.

**Advertised Continuously  
throughout the year**

POTTER & CLARKE LTD.

60-64 ARTILLERY LANE,  
LONDON, E. 1

Phone: Bishopsgate 4761 (5 lines)

Grams: Horehound, Phone, London

MANCHESTER: 77 DANTZIC STREET

**LOOK TO  
YOUR  
STOCKS**

# SASSO OLIVE OIL

*The Standard of Quality*



## YOUR OLIVE OIL SALES

**WHY IS SASSO THE BEST SELLING OLIVE OIL IN THE WORLD?** . . . Because the proprietors have made the production of good Olive Oil their sole business for over a century.

**WHAT PARTICULARLY HAS CAUSED ASSO TO BE THE WORLD'S PREDOMINANT BRAND OF OLIVE OIL?** . . . Rigorous standardisation of quality. Perfect presentation. Excellent selling help. Generous retail profit.

**HOW CAN YOU PROFIT FROM THE LARGE UNSEARCHED MARKET FOR OLIVE OIL?** . . . By following SASSO'S example and selling only the best, confident that its quality will speedily bring increasing repeat business, both from your regular customers and from those that are recommended to it.

*Write for sample and terms*

*Producers :*

**P. SASSO & FIGLI**

Oneglia, Italy

Sole distributors for the United Kingdom :  
Fredk. Boehm Ltd.,  
17, Jewry Street, London, E.C.3



# ‘TABLOID’ CALCIFEROL

*Provides an adequate  
supply of  
VITAMIN D  
in high concentration*

‘TABLOID’ CALCIFEROL supplies the pure crystalline anti-rachitic substance with a constant activity of 40,000 units per mgm.

The product is issued in two strengths, 0.0001 gramme and 0.00025 gramme, giving dosages of 4000 and 10,000 International Units respectively.

Medical men appreciate the convenience and uniformity of



London Prices to the  
Trade (subject)

0.0001 gramme

Bottles of 25 products,  
21/- per doz. bottles

Bottles of 100 products,  
70/- per doz. bottles

0.00025 gramme

Bottles of 25 products,  
45/- per doz. bottles

Bottles of 100 products,  
158/- per doz. bottles

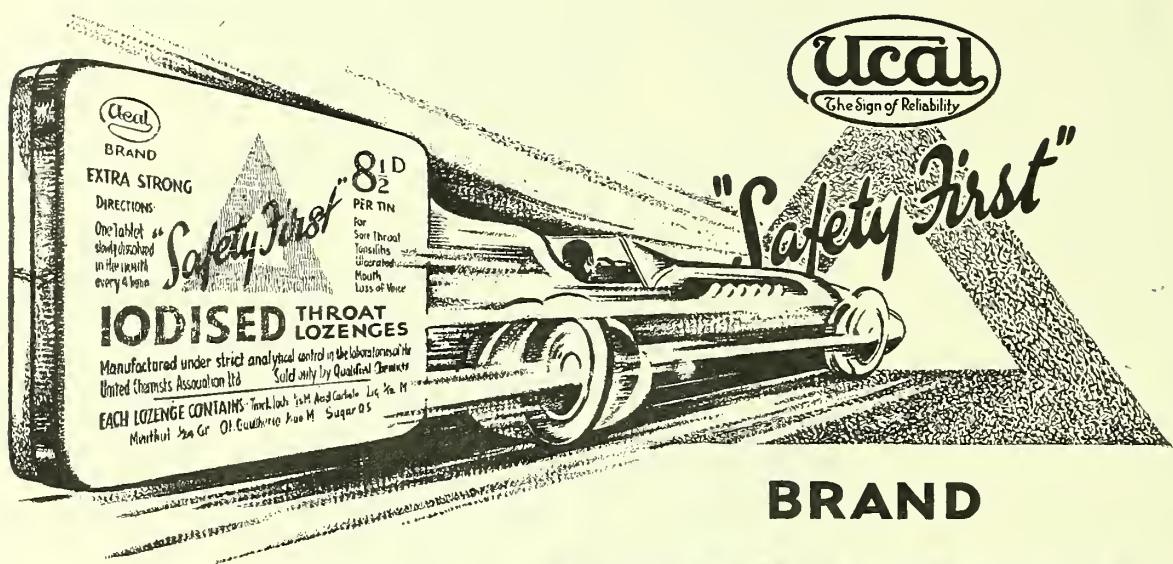
# ‘TABLOID’ TRADE MARK BRAND

## CALCIFEROL



BURROUGHS WELLCOME & CO., LONDON

# A POSITIVE WINNER!



BRAND

## IODISED THROAT LOZENGES

LEAD THE WAY FOR QUICK SALES  
AND SUBSTANTIAL PROFITS

**Order now !**

Striking Display Material available on request

Terms :

**8½d. SIZE**

Costs . . 4/6 doz.

12 doz. 4/3

**1/3 SIZE**

Costs . . 7/6 doz.

3 doz. 7/-



**UNITED CHEMISTS' ASSOCIATION, LTD.**

Manufacturing Chemists,

**CHELTENHAM, and 4 and 6 KEITH GROVE, LONDON, W.I2.**

Phone: Cheltenham 3021.

Phone, London: Shepherd's Bush 3437/8.

# THE CHEMIST AND DRUGGIST

A Weekly Journal of Pharmacy, the Drug, Chemical and Allied Trades

*The official organ of The Pharmaceutical Society of Ireland,  
The Pharmaceutical Society of Northern Ireland,  
The Chemists' and Druggists' Society of Ireland, and of  
other Chemists' Societies in Overseas Dominions*

PUBLISHED AT

28 ESSEX STREET, STRAND, LONDON, W.C.2

Telegrams: "Chemicus, Estrand, London" Telephone: Central 6565 (8 lines)

## BRANCH OFFICES

4 CANNON STREET, MANCHESTER (TEL.: BLACKFRIARS 3052)  
19 WATERLOO STREET, GLASGOW (TEL.: CENTRAL 2329)  
155 AVENUE DE WAGRAM, PARIS, XVII<sup>e</sup> (TEL.: GALVANI 19-79) 54 FOSTER'S BUILDINGS, HIGH STREET, SHEFFIELD (TEL.: 22458)  
372 FLINDERS LANE, MELBOURNE, AUSTRALIA

## CONTENTS

NOVEMBER 11, 1933

VOL. 119. NO. 2805

PAGE	PAGE	PAGE	PAGE
Association Meetings 590	Drug-Store Proprietors' Society 592	Marriages 585	Pharmaceutical Society of Northern Ireland:—
Business Changes ... 576	Editorial Articles:— To Stamp or not to Stamp? 587	National Pharmaceutical Union 577	Opening of Headquarters 578
Coming Events ..... 583	Peloids 587	New Companies and Company News 576	Stock Exchange Prices 577
Correspondence:— Letters ..... 597	Ergen Works 588	News of the Week ... 573	Topical Reflections ... 575
Legal Queries ..... 598	Festivities 591	Personalities 575	Trade Marks ..... 596
Miscellaneous Inquiries ..... 598	French News 575	Pharmaceutical Committees (Northern Ireland) 581	Trade Notes ..... 584
D.D.A. Regulations... 582	Information Department 586	Retrospect 598	Trade Report ..... 593
Deaths ..... 585	Irish Notes 574	Scottish Notes 574	Wills ..... 585
Do Local Associations Care? ..... 583			

## News of the Week

## Merchandise Marks Act, 1926—Rice Starch

The Board of Trade give notice that, in conjunction with the Ministry of Agriculture and Fisheries, they declare edible rice starch (including rice starch cornflower) and edible maize starch cornflower not to be foodstuffs as defined in subsection (1) of section 10 of the Merchandise Marks Act, 1926.

## Merchandise Marks Act—Inquiry

The Standing Committee appointed by the Board of Trade will hold an Inquiry on the following dates at the Board of Trade Offices, Great George Street, London, S.W.1, as to whether the undermentioned description of imported goods should be required to bear an indication of origin. Monday, November 20, 1933, at 11.30 a.m., and Tuesday, November 21, 1933, at 10.30 a.m.

Maize starch (including maize starch cornflour).

## Import Duties—Application

The Import Duties Advisory Committee give notice of an application:—

For drawback under Section 9 of the Finance Act, 1932, in the case of graphite (plumbago) crucibles, and muffle rings, stands, stirrers, and covers therefor, in respect of the natural flake graphite used in their manufacture.

Any representations which interested parties may desire to make in regard to this application should be addressed in writing to The Secretary, Import Duties Advisory Committee, Caxton House (West Block), Tothill Street, Westminster, London, S.W.1, not later than December 4, 1933.

## Dangerous Drugs Acts, 1920-1932

The Home Secretary gives notice that he proposes, after the expiration of forty days from November 3, to make Regulations under Section 7 of the Dangerous Drugs Act, 1920, and subsection (3) of Section 2 of the Dangerous Drugs Act, 1932, for controlling the manufacture, possession and wholesale distribution of methylmorphine (commonly known as codeine), ethylmorphine (commonly known as dionin) and their respective salts.

The object of the Regulations is to implement in respect of the aforesaid drugs the provisions of the Geneva Convention of 1931, which require that the existing control of the trade in "dangerous" drugs shall be extended to the wholesale trade in these drugs as from January 1 next. The draft Regulations do not affect the distribution of the drugs by persons other than wholesale druggists or possession of the drugs by any person in quantities of less than one pound avoirdupois. Copies of the draft Regulations may be obtained on application to the Under-Secretary of State, Home Office, Whitehall, London, S.W.1. [The text of the draft Regulations is printed on p. 582 of this issue.]

## The Royal Society

The two Royal medals of the Royal Society have been awarded respectively to Professor G. I. Taylor, F.R.S., for his mathematical work in physics, geophysics, and aerodynamics; and to Mr. P. P. Laidlaw, F.R.S., for his work on the diseases due to viruses, including that on the cause and prevention of distemper in dogs. The following awards of medals have also been made:—The Copley medal to Professor Theobald Smith, of Princeton, for his original research and observation on diseases of

animals and man; the Davy medal to Dr. W. H. Mills for his researches in organic chemistry, and for his work on the syntheses and properties of the cyanine dyes, and more especially for his investigation of novel types of asymmetric molecules; the Hughes medal to Professor E. V. Appleton for his researches into the effect of the Heaviside layer upon the transmission of wireless signals.

The following is a list of those recommended for election to the Council of the Society at the anniversary meeting on November 30:—Sir Frederick Hopkins, *President*; Sir Henry Lyons, *Treasurer*; Sir Henry Dale and Sir Frank Smith, *Secretaries*; Lord Rayleigh, *Foreign Secretary*. *Other Members of the Council*, Dr. E. J. Butler, Dr. W. T. Calman, Professor C. H. Desch, Professor T. R. Elliott, Professor A. V. Hill, Mr. C. N. Hinshelwood, Professor A. Hutchinson, Dr. H. S. Jones, Professor J. C. McLennan, Dr. F. H. A. Marshall, Sir Charles Martin, Professor E. Mellanby, Professor R. Robinson, Mr. H. T. Tizard, Professor E. T. Whittaker, and Mr. G. U. Yule.

### Society of Apothecaries of London

At the examination held on October 23, 25 and 26, the following candidates were granted the certificate of qualification to act as an assistant to an apothecary in compounding and dispensing medicines:—

Archdale, R. I. M.	Gillespie Smith, J.	Packman, A. C.
Archer, M. M.	Glover, M. C.	Pennington, M.
Barlow, G. M.	Hague, M.	Ranson, B.
Black, M. C.	Hicks, G. K.	Readman, M. S.
Branford, J.	Hope, R. A. B.	Robinson, B. H.
Bray, E. F.	Hutcheson, J. W. C.	Rose, K.
Chappellier, A. B. G.	Jeffries, B.	Rowland, M. E.
Child, E. M.	Keenan, L.	Salmon, M.
Coulson, E. E.	Larkins, M. H.	Smith, J. K.
Counsell, D. E.	Lord, M.	Stanford, K.
Davies, H. G.	Macbain, C. C.	Stephenson, M. I.
Davies, R. L.	McCarthy, E. E. M.	Stokes, G. E.
Davies-Jones, D. M.	Mares, F.	Thomas, S. G.
Dawe, J. W.	Marsh, V.	Tite, N. M.
Denny, F.	Martin, K. E.	Ward, M. A.
Dudley, B. M.	Mooney, A.	Ward, M. R.
Durose, M.	Morrison, L. I.	Whitley, E. C.
Evans, M. I.	Nauen, M.	Whiteley, D. A. D.
Faichney, I. C.	Nisbet, J. S.	Wood, V.
Fone, M. G. O.	Nutter, C.	Young, M.

### Manchester

Commander and Mrs. O'Leary, whose marriage is announced on another page of this issue, have sailed for Assam.

Burglars entered Britannic Chambers, Victoria Street, on November 3, and ransacked six suites of offices, including those of Thomas Tomlinson & Son, chemists' valuers. The thieves were apparently disturbed, as apart from damage to furniture and fixtures little of value was taken.

### Miscellaneous

**SPORT.**—The Ipswich Chemists' Hockey Club (men's team) met Severalls at Ipswich on November 1. After an interesting game, the chemists had the misfortune to be unsuccessful, the visitors defeated them 4—2.

**N.H.I. CELEBRATION.**—Newcastle-upon-Tyne Panel Committee entertained the Newcastle Insurance Committee and representatives of the Pharmaceutical Committee to lunch on November 1, in celebration of the twenty-first birthday of the National Health Insurance Act. Dr. H. H. Goodman presided.

**ACTION FOR ALLEGED LIBEL PENDING.**—We are informed by Mr. Arthur J. Gillian, general secretary of the Chemical Workers' Union, that a writ for libel has been issued against "The Sunday Referee" and himself in consequence of an article written by him in that newspaper, entitled "Germany's Secret Chain of Arsenals." The plaintiffs are Schering-Kalbaum A.G., Berlin.

**VISIT TO WORKS.**—On November 1 a party of chemists from Henley, Marlow and Wycombe paid an enjoyable

visit to the Hounslow factory of Parke, Davis & Co. The visitors were shown over the works, and after tea Mr. Freeman (chief chemist) gave a short and interesting talk on vitamins. At the close a hearty vote of thanks was tendered to Messrs. Parke, Davis & Co. for their hospitality.

**CHEMISTS AT A SPECIAL SERVICE.**—On October 29 a special service, attended by a large number of Bristol chemists, was held at Oldland Parish Church, Bristol. The lesson was read by Mr. W. F. J. Bowerman, secretary of the local branch of the Pharmaceutical Society, and a collection was made on behalf of the Benevolent Fund of the Society. It is proposed to make this service an annual event.

**IN THE COURTS.**—In Bow County Court, London, on November 3, the Chrisman Sales Co., manufacturing chemists, Forest Road, Walthamstow, E., sued Mr. Ernest Watkins, chemist and druggist, London Road, Westcliff-on-Sea, to recover the sum of £5 15s. 6d. for sundries supplied. The defence was that the business was owned by the liquidator (Mr. A. G. White, Cheapside, E.C.), of Westminster Pharmacy, Ltd., London Road, Westcliff. Judge Thompson adjourned the case for traveller's evidence, the costs of the defendant for the day to be paid by the plaintiffs.

**BRITISH INDUSTRIES FAIR.**—The following resolution, dated November 1, has been forwarded to us by Dominions Newspapers, Fleet Street, London, E.C.4:— "This meeting of members of Dominions Newspapers, representing newspapers and periodicals published in the British Dominions, India and the Colonies, receives with concern the Board of Trade's statement of October 18, upon publicity arrangements for the British Industries Fair, and strongly urges that inasmuch as the development of export trade is of paramount importance, the policy of postponing adequate advertisement of the Exhibition until such time as its revenue has increased is unsound, and detrimental alike to the commercial progress and to the prestige of this great undertaking. This meeting, furthermore, deprecates the undue reliance placed by the Board of Trade upon lists of selected possible buyers for postal circularisation in the British Empire overseas, where the communities as a whole should be informed of the Exhibition's national scope and purposes."

### Irish Notes

#### Brevities

A proposal for the establishment of industrial alcohol distilleries in the Free State has, it is understood, been approved by the Department for Industry and Commerce.

At a meeting of the Pottinger Divisional Unionist Committee in Belfast, on November 2, Mr. T. F. Cole, Ph.C., was unanimously selected as Unionist candidate for the division at the coming general election in Northern Ireland.

### Scottish Notes

#### Brevities

Dr. James Coutts asks us to express his thanks to his numerous friends who wrote congratulating him on his recent graduation. He intends writing to thank them personally as soon as time permits.

Mr. James Innes, chemist and druggist, has been appointed managing director of Raimes, Clark & Co., Ltd., manufacturing chemists, Smith's Place, Leith Walk, Edinburgh, in succession to Dr. George Coull, who has retired.

An appendix to the Scottish Drug Tariff shows alterations in the prices of some forty drugs. The new prices include only those altered since May and came into operation as from September 1. Specifications for several new appliances have been added.

## French News

From the "C. & D." Paris Correspondent

THE Paris Society of Pharmacy has received news of the death of M. Auguste Baudot, of Dijon, corresponding member of the Society, whose volume on the ancient drug pots of Burgundy is familiar to all who have studied the history of old French pharmaceutical pottery.

THE recent Ministerial decree deleting the expression "Vichy salts" from the Codex definition of sodium bicarbonate has aroused some criticism. The General Association of French Pharmacists had adopted a resolution in favour of the retention of a time-honoured and familiar term. M. Martin, a leading member of the Paris Society of Pharmacy, points out that in the Codex Balneum Vichiense (made by dissolving sodium bicarbonate in water) still follows the words "Bain dit de Vichy," and holds that "Vichy salts" is simply a general term for a well-known remedy, like "Epsom salts," and does not come under the heading of specific titles like "Carlsbad" or "Vittel" salts. (The same Ministerial decree provides for the addition to the Codex of synthetic camphor, and for the modification of several formulas of lozenges (tablettes).) This discussion has evoked an incident of a century ago. In 1833 a firm named Brosson opened a Parisian dépôt for the sale of "Vichy lozenges," and printed at the head of the prospectus a medal of the Société d'Encouragement as a tribute to their efficiency. But a committee of the Paris Society of Pharmacy, inquiring into the matter, discovered that M. Brosson had been awarded the medal for improvements introduced into the preparation of cement paving.

## Personalities

As a wedding present, the members of the Council of the Pharmaceutical Society have given a radiogramophone to Mr. and Mrs. Herbert Skinner.

MR. W. H. FOWLER, Ph.C., secretary of the Surrey Pharmaceutical Committee, has been re-elected vice-chairman of the Surrey Insurance Committee.

At a recent meeting of the chemistry section of the Leicester Literary and Philosophical Society Dr. F. L. Pyman, F.I.C., F.R.S., lectured on "Chemistry and Medicine." The president, Mr. F. C. Bullock, was in the chair, and thanks to the lecturer were proposed by Dr. G. M. Dyson and seconded by Mr. A. R. G. Chamings, B.Pharm.

AMONG the chemists who have been successful in the recent municipal elections (in addition to those mentioned in the *C. & D.*, November 4, p. 557) are:—Messrs. E. H. Church, Cambridge; R. W. Dunn, Chester; W. H. Kemp, Stoke-on-Trent; A. W. Nuinn, Colchester (re-elected); J. W. Roberts, Holborn, London, W.C. (secretary of the Chemists' Dental Society, re-elected); J. J. Spilman, Hull.

W. BRO. WILLIAM POTTER, chemist and druggist, West Ham, London, E., has recently been accorded London Rank, and in recognition of the honour the brethren of the Lion and Lamb Lodge No. 192 have presented him with the jewel and clothing of that rank. W. Bro. Potter, who was initiated in the Lion and Lamb Lodge, thirty-one years ago, occupied the chair in 1914, is a P.Z. and treasurer of the Lion and Lamb Chapter, and is the holder of London Chapter Rank; also Provincial Grand Rank in the Mark.

## Topical Reflections

By Xrayser

### Chemists' Assistants

qualified for registration under the Pharmacy Acts, and prepared after the close of this year to pay for the privilege of having their names retained upon the official Register, should be entitled, in accordance with the terms of the Society's Charter, to share in the protection accorded by the Society to those who carry on the business of chemists and druggists. It seems all the more paradoxical, therefore, that the National Pharmaceutical Union, after deciding to admit chemists' assistants as associate members, should have considered it necessary or desirable to include in the benefits to be provided for its associate members defence against any action taken by the Pharmaceutical Society in accordance with the new powers conferred upon it by the Pharmacy and Poisons Act, 1933 (*C. & D.*, November 4, p. 564). Unfortunately I feel that occasions may arise when members of the Pharmaceutical Society will find themselves outside any protection that the Society could or would extend to them; and it is all to the good, therefore, that the N.P.U. should set the pace in the matter of providing means of defence in such instances. The list of benefits offered in connection with the new scheme is far from inconsiderable, and I venture to suggest that the associate members' scheme should receive at least as much attention at branch meetings of the N.P.U. as has been given to the publicity scheme which is meeting, I gather, with an equivocal reception.

### Letters Received

by the Council of the Pharmaceutical Society include some which it would almost be kinder not to publish in official reports of the Council proceedings, the more especially when the notification that "the letter was received" indicates that this was the merely formal manner in which it was agreed that no action should be taken. In the case of two recent letters conveying resolutions (p. 562), it is difficult to see what

action could have been taken, short of deciding to inform the senders that they were seeking something equivalent to asking for the moon. At one meeting of chemists it had been resolved that some definite statement should be obtained from every would-be chemist's apprentice (who had passed the necessary Preliminary examination) of an intention to proceed to the Qualifying examination of the Pharmaceutical Society in due course. But it must surely be taken for granted that such is the intention of any person in the circumstances indicated, and it is inconceivable that any statement made by a youngster at the outset of apprenticeship could bind him or her to a particular course some years later.

### The Second Instance

of a letter conveying resolutions which are not entirely comprehensible included a number of points, not all without pertinence; but, in one or two respects, exceeding the bounds of what seems reasonable. Thus, it is demanded that a licensed seller of poisons—meaning, presumably, a person who may become entitled to sell poisons included in Part II of the Poisons List—shall pay an annual fee exceeding in amount the total of the annual fees payable by a registered pharmacist engaged in retail business. Assuming that the personal and business registration retention fees of the individual pharmacist amount to as much as £4, the unqualified retailer of Part II poisons is to be expected to pay a still higher amount; but does any reasonable person think that local authorities are at all likely to demand payment of a fee so high, or that the Home Secretary would refrain from interference if they did? Again, one would like to know what sound reason exists for the suggestion in the same letter that no practising pharmacist should be allowed to have more than one apprentice at a time, and that a period of three years should elapse between the completion of one apprenticeship and the commencement of the next.

## New Companies and Company News

P.C. means Private Company and R.O. Registered Office

**WALTERS (CHEMISTS), LTD.** (P.C.)—Capital £100. Objects: To carry on the business of pharmaceutical chemists, retailers of patent and other medicines, etc. R.O.: 13 Old Street, E.C.1.

**G. W. TAYLOR, LTD.** (P.C.)—Capital £300. Objects: To carry on the business of consulting, manufacturing and pharmaceutical chemists, herbalists, etc. Solicitor: Frederic Cattle, Ilkeston.

**C. & E. DAVIES, LTD.** (P.C.)—Capital £500. Objects: To carry on the business of manufacturers of and dealers in chemicals, gases, drugs, medicines, disinfectants, etc. R.O.: 148 Bishopsthorpe Road, York.

**PARKIN-SHELLEY, LTD.** (P.C.)—Capital £1,000. Objects: To carry on the business of research chemists, retail and wholesale chemists, etc. Solicitor: Fred S. Savile, 23 Temple Row, Birmingham.

**MEDICINAL SPECIALITIES, LTD.** (P.C.)—Registered in Edinburgh. Capital £500. Objects: To acquire the business of a distributor of medicinal specialities carried on by Mrs. R. Alexander, 130 Raeberry Street, Glasgow.

**JORDAN'S PHARMACY, LTD.** (P.C.)—Capital £500. Objects: To acquire the business of druggists, etc., heretofore carried on by Wm. J. Evans and Dorothea I. Evans as Jordan's Pharmacy at 88 High Road, Ilford.

**SANGENE COMPANY, LTD.** (P.C.)—Registered in Dublin. Capital £5,000. Objects: To carry on the business of manufacturers of and wholesale and retail dealers in surgical, medical, curative and healing instruments and equipment, etc.

**RADIUM UTILITIES, LTD.** (P.C.)—Capital £1,200. Objects: To carry on business as pharmaceutical, manufacturing and general chemists and druggists, etc. Solicitors: Hicks, Arnold & Bender, 25 Southampton Street, Strand, W.C.2.

**CHEMICAL BUILDING PRODUCTS, LTD.** (P.C.)—Capital £500. Objects: To carry on the business of manufacturers of and dealers in chemicals for the purposes of applying drying, damp-proofing and water-proofing processes to buildings, etc. R.O.: 29 Portugal Street, W.C.2.

**RADIUM VITA LTD.** (P.C.)—Capital £1,000. Objects: To carry on the business of importers, exporters and producers of and dealers in radium and radium products, manufacturing, analytical, pharmaceutical, wholesale and retail chemists, etc. R.O.: Thames House, Millbank, S.W.1.

**PINOXIC, LTD.** (P.C.)—Capital £15,000. Objects: To adopt an agreement with Alfred H. Myers and The East African Trust, Ltd., whereby the said Alfred H. Myers, as vendor, or his nominees, is entitled to receive 3,750 fully paid ordinary shares of £1, and The East African Trust, Ltd., as sub-vendors, are entitled to receive repayment of £407 cash actually expended by them, and 5,250 fully paid ordinary shares of £1: to acquire the business of manufacturers of and dealers in "Pinoxic" as formerly carried on by the said Alfred H. Myers, as the "Pinoxic Syndicate," at San Diego, California, and also the trade mark "Pinoxic," and to carry on the business of manufacturers of and dealers in drugs and other materials and preparations, etc. R.O.: Effingham House, Arundel Street, Strand, W.C.2.

**Savory & Moore, Ltd.**, have purchased the businesses, wholesale and retail, of W. Martindale, 12 New Cavendish Street, S.W.1, and Chenies Mews, Tottenham Court Road, W.1. We are informed that the businesses will be carried on as hitherto, the only change being that of ownership.

## Voluntary Liquidation

**Newtons (Royton) Ltd.**, Central Buildings and Croft Head, Royton, chemists and druggists. The statutory meeting of the creditors was held recently, at Oldham, when Mr. J. W. R. Richardson, one of the directors, occupied the chair. It was stated that the shareholders had already passed resolutions for voluntary liquidation and had appointed Mr. Parkin S. Booth, of the Association of Manufacturing Chemists, Liverpool, to act as liquidator. The statement of affairs showed ranking liabilities of £3,551 2s. 11d., made up as follows:—Trade creditors, £2,374 0s. 11d.; cash claims, £27; and bankers, £950 2s. After allowing £86 10s. for preferential claims, the net assets were £1,005 10s., or a deficiency of £2,545 12s. 11d. The assets consisted of cash at bank £32; cash in hand £10; stock £1,000, put down at £650; fixtures and fittings £538, valued at £200; sundry debtors £158 17s. 7d., estimated to produce £150; and equity in an estate £50. The issued capital was £1,000, and the deficiency as regarded the shareholders was £3,545 12s. 11d. Resolutions were passed confirming the voluntary liquidation of the company, Mr. A. T. Eaves, of Messrs. Harry L. Price & Co., I.A., Manchester, being appointed to act with Mr. Booth as joint liquidator. A committee of the principal creditors was also nominated. In a circular which has been issued by the liquidators it is stated that it has been decided to continue the trading at both shops with a view to effecting a sale as a going concern.

## Private Arrangement

**George Wright Walker**, Victoria Road, Betherfield, Nottingham, chemist and druggist. The creditors met recently at Nottingham, when the statement of affairs showed ranking liabilities of £512 12s. 3d., of which £437 12s. 3d. was due to the trade and £75 to cash creditors. In addition there were fully secured creditors for £912. The assets consisted of cash in hand, £5; good book debts, £40; fixtures and fittings, £50; stock, £425, estimated to produce £250; and surplus from fully secured creditors, £238, making a total of £583, or a surplus of £70 9s. 9d. A resolution was passed in favour of a deed of assignment being executed to Mr. Parkin S. Booth, of the Association of Manufacturing Chemists, Liverpool, with a committee. It was stated that efforts would be made to dispose of the business as a going concern.

## Business Changes

**BROWN & STRACHAN**, chemists, have opened a pharmacy at 5 Crichton Street, Dundee.

**THE SHOEBURY PHARMACY, LTD.**, have opened a new pharmacy at 2 High Street, Shoeburyness.

**Mr. J. S. JAMES**, chemist and druggist, has taken over the Medical Hall, Llanidloes, Montgomeryshire.

**MASON & CO., LTD.**, chemists, South Shields, have taken over the business of Mr. M. W. Tweddell, 55 Ellison Street, Jarrow.

**Mr. A. A. JACKMAN**, window display expert, has removed from 16 Gamlen Road, Putney, London, S.W.15, to 91 Woodgates Road, Lee, S.E.12.

**Mr. W. S. FURBER**, chemist and druggist, has purchased the business of Mr. F. W. Walker, chemist and druggist, 225 Nantwich Road, Crewe.

**Miss M. A. WALKER**, chemist and druggist, has acquired the business of Mr. J. S. James, chemist and druggist, 23 Tentelow Lane, Norwood Green, Southall.

**Mr. L. A. MARSHALL**, chemist and druggist, has acquired the business of Mr. Harding Rees, chemist and druggist, 31 High Street, South Norwood, London, S.E.2.

**Mr. G. H. MOORHOUSE**, chemist and druggist, has acquired the business of Mr. F. G. Wells, chemist and druggist, at 80 Battersea Bridge Road, London, S.W.11, and will continue to trade under the old name.

## Stock Exchange Prices

£1 Shares unless otherwise stated	Dec. 31,	Sept. 29,	Oct. 31,
	1932	1933	1933
Allen & Hanburys, 7% Prefd. Ord.	23 9	25 0	25 0
Amalg. Dental Co., 8% Prefd. Ord.	23 0	23 0	23 3
Deferred £1 ...	—	11 3	11 9
Ayrton, Saunders & Co., 7½% Pref.	12 6	13 9	13 9
Beechams Pills, Deferred 1s. shares	2 6	2 9	3 0
Benger's Food, Ord. ...	40 0	41 6	41 0
Benzol & By Products cum. part. Pref.	0 7½	3 6	3 6
Berger (Lewis) & Sons, Ord.	22 6	28 9	32 6
Boake (A.), Roberts & Co., 5% Pref.	16 3	16 9	16 9
Blundell Spence & Co. ...	5 9	13 9	14 6
Boots Pure Drug, Ord. 5s. shares ...	—	—	39 0
Boots Pure Drug, 7% "A" Prefd. Ord.	28 0	28 9	29 3
Boots Cash Chemists (S.), 6% "A" Pref.	26 9	27 0	27 0
Borax Consol., Dfd. Ord. ...	12 9	13 9	14 6
Bovril, 6% Pref. ...	25 6	26 6	27 0
" Ord. ...	27 0	27 0	27 6
" Dfd. ...	24 0	24 6	24 6
British Cyanides, Ord., 2s. shares ...	2 3	2 9	3 6
British Drug Houses, The, Ord. ...	13 3	21 6	22 6
British Glues & Chemicals, 4s. Ord. ...	2 9	3 9	4 1½
British Oil and Cake Mills, Prefd. Ord.	37 6	40 6	41 0
British Oxygen, Ord. ...	26 3	38 9	41 0
British Photo. Indus., 6% Cum. Pref.	5 0	5 0	5 0
Burt Boulton & Haywood, Ord. ...	20 3	16 3	16 3
Bush (W. J.) & Co., 5% Pref. £5 ...	77 6	100 0	97 6
Callard, Stewart & Watt, Ord. ...	5 0	6 3	6 3
Chance & Hunt, 4% 1st Mort. Deb. £100	£78	£79	£83
Cooper, McDougall & Robertson, Ord.	17 6	29 0	32 6
Crosfield (Joseph) & Sons, 6½% Pref.	25 3	27 0	27 0
Drug Incorporated (no par value) ...	£53	£46	—
Dubarry Perfumery, Ord. 1s. ...	1 9	3 3	3 3
" 7½% Pref. ...	19 6	20 7½	20 7½
Eastman Kodak Com. (no nom. value)	£81	£80½	£74½
Evans Sons Lescher & Webb, Ord. 6s. 8d. shares	2 0	2 3	1 9
" 6% cum. part. Pref.	2 9	4 3	4 0
Field (J. C. & J.), Ord. ...	21 3	25 6	27 0
Galloway (P. H.), Ord. 2s. ...	2 9	3 0	3 0
" 7½% Cum. Pref. ...	23 0	23 9	23 9
Gossage (William), 6½% Pref. ...	25 6	27 6	28 3
Grout & Co., Ord. ...	17 0	20 0	22 0
Hodders, Ord. 1s. ...	0 2	0 1½	0 1½
Ilford, Ltd., Ord. ...	26 3	36 0	32 6
" 6% Pref. ...	23 0	26 0	26 3
Imperial Chemical, 7% Pref. ...	27 6	30 0	30 0
" Ord. ...	26 3	29 6	30 3
" Dfd. 10s. ...	6 10½	8 3	8 9
Intern. Sponge Importers, 6% Pref.	8 9	7 6	7 6
Kent (G. B.) & Sons, 5½% Pref. ...	6 10½	6 3	5 0
Knight (John), 25% Prefd. Ord. ...	82 6	95 0	96 3
Laporte (B.) & Co., Ltd., Ord. ...	21 6	61 9	62 6
Lever Bros., Ltd., 7% Pref. ...	28 0	28 9	29 6
" 8% Pref. ...	27 0	30 0	30 6
" 20% Prefd. Ord. £1 ...	55 0	62 6	65 3
Lewis & Burrows, Ord. ...	22 6	24 0	24 0
" 6% Pref. ...	19 0	20 7½	20 7½
Liebig's Ext. of Meat, Ord. £5 ...	£84	£128	£12
Mellin's Food, 6% Pref. ...	1 3	1 1½	1 1½
Nathan (Joseph) & Co., 7% Pref. ...	13 3	15 6	18 6
" 8% Prefd. Ord. ...	3 9	3 9	4 3
Pears (A. & F.), 5% Deb. £100	£105	£103	£103
Phosferine (Ashton & Parsons), 8% cum. part. Ord. ...	14 6	19 6	19 9
Reckitt & Sons, Ord. ...	94 3	103 0	107 6
Salt Union, Ord. ...	35 0	39 0	38 6
Sangers, Ord. 5s. ...	10 6	15 0	15 6
" Sanitas " The, Co., 9% Pref. ...	27 6	32 0	32 6
Sanitas Trust, 10% part. Pref. ...	23 6	30 3	32 6
Smith (Stephen) & Co., Ord. 5s. ...	9 10½	11 0	11 0
Spratt's Patent, Ord. ...	62 6	62 6	63 9
Stevenson & Howell, 6½% Cum. Pref. ...	20 0	24 3	25 6
Taylor's Cash Chemists (Lon.), 1s. Dfd. ...	0 6	0 6	0 7½
Taylor's (Cash Chemists) Trust, Pref. Ord. ...	10 0	8 0	8 3
" 1s. Dfd. ...	0 6	0 7½	0 9
United Glass Bottle Man., 6% Mt. Deb. Stk. £100 ...	£107	£108	£109
Veno Drug Co., 8% Pref. ...	20 0	22 3	25 0
Virol, Ltd., Ord. ...	30 0	32 6	32 6
" 7% Pref. ...	25 6	26 3	26 6
White (A. J.), Ltd., Ord. 10s. ...	14 3	16 3	17 0
White (Timothy), 7½% Prefd. Ord. ...	24 0	25 9	27 0
" 1s. Dfd. Ord. ...	2 0	2 9	3 0
Wright, Layman & Umney (1932) 7% cum. Pref. ...	24 6	23 9	24 3
Yorkshire Indigo & Col. Dyers, 5s. Ord.	0 10½	0 9	0 9

# National Pharmaceutical Union

## Branch Meetings

**Anglesey.**—A meeting of the Anglesey, N. Carnarvonshire and Colwyn Bay Branch was held on November 1. There was a large attendance from all parts of the district. The speaker was Mr. G. A. Mallinson (secretary of the N.P.U.) and the chairman, Mr. C. Parry (Colwyn Bay). In the course of his address Mr. Mallinson outlined the various activities of the Union and emphasised the benefits of membership. He was afraid, he said, that there was no hope of any alteration in the matter of the 10 per cent. emergency cut, at least not this year, but if there was any shortage it would have to come out of the 10 per cent. cut and not be passed on as an extra charge. There had been a big draw on the funds during the past year, but he hoped things would straighten out later. Mr. Mallinson hoped for wholehearted support for the publicity scheme. A hearty vote of thanks was accorded to Mr. Mallinson for his lucid and interesting address. A resolution was passed, by thirteen votes to two, to the effect that "No member should be eligible to sit on the N.P.U. Executive Committee who wholesaled goods to anyone other than a doctor, qualified chemist or dentist." Mr. D. A. Bryan proposed a vote of thanks to the chairman.

**Cardiff.**—A district meeting called by the Aberdare and Merthyr Branch was held at Cardiff on October 30. Mr. H. M. Lloyd took the chair, and there was a good attendance of chemists from surrounding districts. The principal business was to devise ways and means to combat the growing menaces to fair trading. Mr. Ivor L. Richards suggested a scheme to meet these trade troubles, such as the small shops menace, the sale of unstamped proprietary medicines by hucksters and traders, "stunt" advertising, and price cutting. The following took part in the discussion:—Messrs. G. C. Jenkins (Cardiff), Trevor Thomas (Cardiff), A. J. Harris (Cardiff), S. W. Hague (Rumney), Lewis (Rhondda Valley), W. Gwynne Wigley (Cardiff), Parry Williams (Bargoed), S. B. Eason (Cardiff), R. Henderson (Llanelli), Hearle (London), J. Lee Jones (Cardiff), J. Murray (Cardiff), and H. Miller (Cheltenham). It was unanimously agreed that a federation of branches be formed on the lines of the South Wales and Monmouthshire Federation which ceased to function some ten years ago. Mr. Richards was heartily thanked for introducing his scheme.

**London (S.W.).**—The officers appointed for the South-West London Branch will be the same as already appointed for the South-West London Chemists' Association:—Chairman, Mr. W. A. Shakerley; Secretary, Mr. E. Neville Browne.

**Southport.**—At a special meeting of the Southport Branch, on October 18, the following resolution was passed:—"That the Southport Branch of the N.P.U. is unanimously of the opinion of the necessity for co-operative advertising for chemists, and as the scheme of the N.P.U. is the only one before us, gives it its unqualified support, and calls upon all branches of the N.P.U. to do the same by organising their members to assist financially by subscribing to the scheme."

**Warwickshire.**—The Warwickshire Branch met on October 26. The secretary reported that he had sent a letter to each member of the Branch urging the importance of joining up with the national publicity scheme, as instructed at the previous meeting. Members present pledged themselves to support the scheme and urge their fellow members to join. Further letters on welfare clinics were submitted, and it was resolved to ask the local Conference delegate to support a proposal for the N.P.U. to form a benevolent or charitable fund for the assistance of chemists in penurious circumstances.

# Pharmaceutical Society of Northern Ireland

## Opening of New Headquarters

THE opening ceremony in connection with the new headquarters of the Pharmaceutical Society of Northern Ireland was performed on November 6 by the Rt. Hon. Sir R. Dawson Bates, M.P., Minister of Home Affairs, the Department in charge of pharmaceutical administration in Northern Ireland. These premises are situate at 73 University Street, and are admirably suited for the requirements of the Society, which, since its formation in 1925, has used rented offices at Scottish Provident Buildings, Donegall Square West. The growing business of the Society necessitated that it should have a home of its own; and after inspection of many premises a double mansion in University Street was taken at a cost of £2,000, while the Society has spent £1,000 on altering, equipping, and furnishing the building which presented a very handsome appearance at the opening. On the ground floor to the right are the secretary's office and the kitchens, and to the left the Council Room, a fine spacious apartment consisting of two of the old rooms converted into one. On the first floor are the Assembly Room (for large meetings), Lounge and Library, and on the upper floor the Museum, two large committee rooms, and caretaker's apartments, while there are also a garage, garden, and other amenities. The building has been illuminated throughout by electricity, and has internal high-pressure heating.

The president and members of the Council of the Society sent out a large number of invitations to the opening ceremony. Unfortunately, owing to illness, Mr. John Maxwell, the president, was unable to attend, his position being filled by Mr. R. I. Edwards, the ex-president, who was accompanied by practically every member of the Council and almost all past members, who were also invited. The Minister of Home Affairs was accompanied by Major George A. Harris, D.S.O., Permanent Secretary of the Ministry, Mr. Walter Magill, Assistant Secretary, and Mr. T. S. Strachan, registrar of the Society. A welcome guest was Mr. John Keall, president of the Pharmaceutical Society of Great Britain, while a gracious letter of greeting was received from the vice-president, Mr. E. Saville Peck. Other guests were the Vice-Chancellor of Queen's University, Colonel Sinclair, M.D., M.P., Dr. C. S. Thomson, medical superintendent officer of health in Belfast, and Mr. Justice Megaw, who, as Mr. R. D. Megaw, K.C., piloted the Pharmacy and Poisons Bill through Parliament eight years ago.

### The Chairman's Speech

THE CHAIRMAN, after a felicitous expression of sympathy with the president in his illness, said:

It gives me great pleasure to welcome you all here to-day on behalf of the councillors and members of the Pharmaceutical Society of Northern Ireland, to the opening of our premises. Having at last attained the goal for which we were aiming, we felt that our efforts would not be complete until we were in premises of our own.

In going through the building you will see that we have made ample provision for our members and associates. We have provided, apart from the Council chamber, where the Council sit, a Library which we hope to complete, a Museum which will be kept up to date with specimens of all preparations necessary for our students, also a lounge or reading room, and others to be used as committee rooms.

We are grateful to the Government for their financial help at the inauguration of our Society, and I am glad to say we have been working in perfect harmony with the Ministry and other pharmaceutical societies. In the years succeeding 1925 we can fairly claim to have administered our portion of the Act faithfully and well; since then some 400 pharmaceutical chemists have been qualified. The past Pharmacy Act was administered by the Pharmaceutical Society of Ireland from Dublin, and when our Ministry saw fit to set up a Pharmaceutical

Society in Northern Ireland it included representatives of Queen's University, Belfast, the Medical Committee of Northern Ireland, and the wholesale drug trade in Northern Ireland. This has been a great success and working admirably.

(The chairman mentioned the names of all the past-presidents, "each of whom have contributed much time and practical interest in the administration and carrying out of the Pharmacy and Poisons Act (Northern Ireland).")

To the Ministry of Home Affairs, Queen's University, and Municipal College of Technology, we tender our grateful thanks for their kindly co-operation; and I would like specially to acknowledge the great assistance Mr. John Earls, B.A., principal of Municipal College of Technology, has been to us.

We are very pleased to welcome Mr. John Keall, president of the Pharmaceutical Society of Great Britain, who came over specially to be present at our opening. His presence here to-day is an earnest indication of the very happy reciprocal relations that exist between the two Societies.

We are also delighted to have with us Sir Richard Livingstone, Vice-Chancellor, Queen's University. It was with very sincere regret we learned of his impending departure. Our Council, members and associates wish Lady Livingstone and Sir Richard continued success, and many happy, useful years in their new sphere.

Some weeks ago Mr. Kirkpatrick and myself approached Sir Dawson Bates about the opening of our new premises, and notwithstanding his many engagements, he very kindly consented to do so. I have very great pleasure in calling upon Sir Dawson.

### The Minister's Speech

In declaring the building open, SIR DAWSON BATES said that he regarded that day's event as a most important event in the history, not only of their great profession, but in the history of Ulster. It marked the placing of the coping stone in the building up of their Society. When one reflected upon the difficulties with which the profession was confronted eight years ago, and when one saw how wonderfully those difficulties had been overcome, one realised the wonderful devotion and energy which have been shown by the members of the Society.

When it became necessary to form a new Society for Northern Ireland, the then Council of the Ulster Branch of the Irish Pharmaceutical Society and he had many conferences, and he took the opportunity of publicly thanking those gentlemen for the valuable help and co-operation they gave to the Government. It would perhaps be invidious for him to single out any gentleman in particular, but he could not forget the wonderful help that he had received from Mr. Horatio Todd, who subsequently became the first president. Another gentleman he would like to refer to was Sir Thomas McMullan. Sir Thomas, at that time, said Sir Dawson, was one of the most invaluable back-benchers in getting the Bill through the House. When he looked back on those discussions which they had from time to time, sometimes he did not agree with everything put forward by the Society's representatives, but he realised that every suggestion which was put forward was done in the sole interest of the profession as a whole.

There were few organisations which were more important to the health and well-being of the community than an efficient and active Pharmaceutical Society. He believed that in the Society this object had been achieved. One of the most gratifying features, he thought, about the Society was that it had set up for itself a very high standard, and while it might be equalled in certain parts of the world, it was certainly not excelled. One of the objects that had been achieved as a result of that policy was that the qualification of those who qualify under the Society's jurisdiction is

recognised, not only in Great Britain, but in Australia and New Zealand, and he believed that before long the Society would also be recognised in many other parts of the Empire; and the result was that the profession had opened up a new career for the young men and women of Northern Ireland. He was specially glad to see Mr. Keall, of the British Society, present.

Sir Dawson took that opportunity on the Society's behalf, and also on behalf of the Government of Northern Ireland, of acknowledging the wonderful help and assistance rendered to the Society in connection with the training of apprentices by the authorities of Queen's University and by other education authorities in Northern Ireland. Without their help the task of bringing the standard of the profession up to the present high level might have been beyond their financial resources. No Society, he added, could be efficient unless it had a good secretary, and he thought that in Mr. Kirkpatrick the Society was very fortunate. In conclusion, Sir Dawson expressed the hope that the Society would grow in strength and vigour, and that its members would have every prosperity in their profession. Sir Dawson, having expressed regret at the absence of the president (Mr. Maxwell), declared the headquarters open.

#### Visitors' Acknowledgments

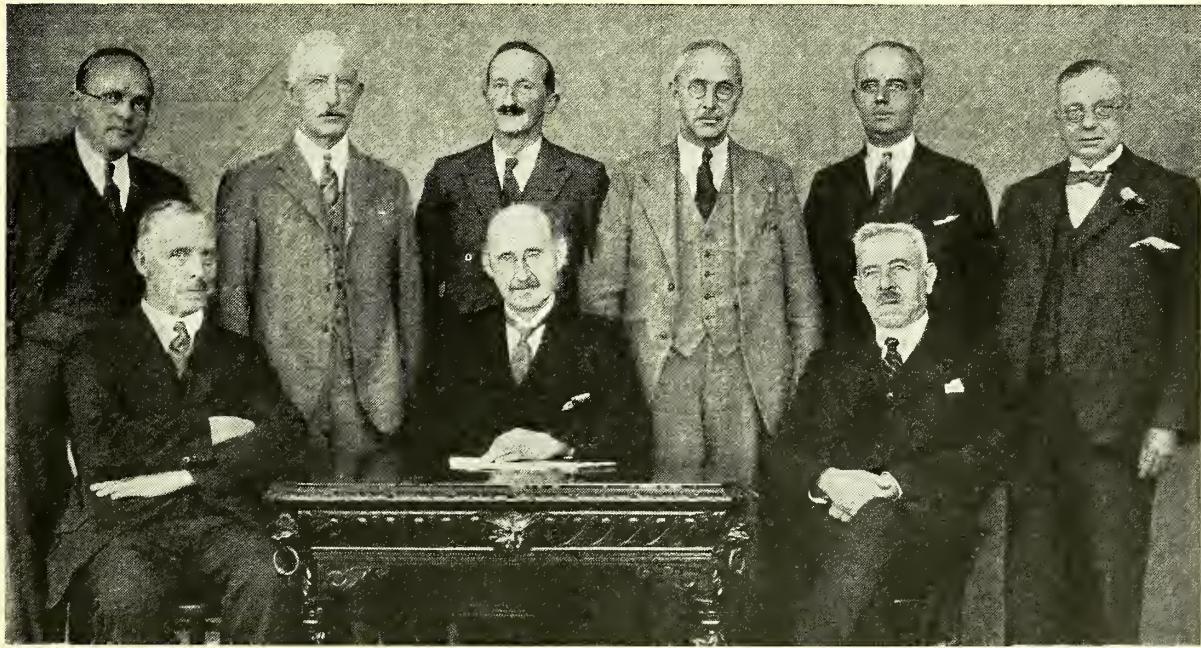
MR. JOHN KEALL (president of the Pharmaceutical Society of Great Britain) expressed his warm appreciation of the welcome which had been given him. It was, he thought, one of the most unique and inspiring events which could happen to the Society of Northern Ireland. He had been struck in his inspection of their beautiful building by its dignity and utility, and with the kindly thought which had been shown for every phase of the Society's activities. He was glad to hear of the testimony which had been given of the co-operation between the Pharmaceutical Society of which he was president and the Society in Northern Ireland. The spirit of unanimity and co-operation which was so essential to-day existed between the two Societies. They had the same ideals—the uplift of pharmacy—and in the early

negotiations regarding the founding of the Society they had before them the public weal, and this was the highest foundation of the Society to build on. They realised what was imbued in the minds of those who founded the Pharmaceutical Society of Great Britain ninety-two years ago—the protection of the public. Mr. Keall expressed how much his Society appreciated the co-operation of the Pharmaceutical Society of Northern Ireland. He had watched the progress of the Northern Ireland Society with interest, and he would continue to do so with even greater interest—to see it progress and reach an even greater standard, and he hoped that the same spirit which had characterised it since its inception would last until time was no more.

SIR RICHARD LIVINGSTONE (vice-chancellor of Queen's University) said the University was very happy to do what it could to assist the plans of the Society in its earlier stages, and it would do anything it could in future to the same end. They had, of course, the arrangement by which people could take their Preliminary examination through matriculation, and that he thought on the whole worked fairly well. It was extremely important to secure that people who went into the profession, which required considerable abilities and had considerable responsibilities, should start with a good general education. That was the aim that the Society set before themselves from the first; and though there were difficulties in reaching full matriculation standard, one was hopeful that in the future they would be able to work up to that aim. He was glad that the measures taken had done something to improve the general education of those entering the profession, and he could only close by saying that they would be glad to help them in the future as they had done in the past.

#### Vote of Thanks

MR. FRED STOREY, in moving a vote of thanks to Sir Dawson Bates, said: I think the reason why I have been selected to do this is because I have been closely associated with the Ministry ever since the Government decided to establish a Pharmaceutical Society in



Photo]

[W. &amp; G. Baird, Ltd.

#### THE HOUSE COMMITTEE OF THE COUNCIL OF THE PHARMACEUTICAL SOCIETY OF NORTHERN IRELAND

Standing (left to right): Professor Small, Sir Thomas McMullan, Mr. S. S. Badger, J.P., Mr. Fred Storey, Mr. H. F. Moore, Mr. Horatio Todd, J.P.

Sitting (left to right): Mr. D. L. Kirkpatrick (secretary), Mr. R. I. Edwards (ex-president), Mr. Samuel Gibson, J.P. (treasurer).

Northern Ireland ; I can therefore speak with knowledge and authority of the great work Sir Dawson and the staff of his Ministry have done. My memory goes back to 1922, when representatives of the drug trade were called to a meeting at the Home Office to consider this question of the establishment of a Pharmaceutical Society of Northern Ireland. The present Mr. Justice Megaw was in the chair, and this meeting was not quite smooth sailing. At this meeting I remember I took the view that as the Government had decided to administer the pharmacy and poisons laws in Northern Ireland and from Northern Ireland, we should look upon this as a golden opportunity and assist them in bringing in a Bill which would be a credit to all concerned. A few of us had a number of years' experience on the Council in Dublin in administering the old Act of 1875 ; we knew it was full of loopholes and flaws and was out of date.

I should like to say here that Governments are usually accused of doing things in an unbusinesslike way. That cannot be said of our Government in this particular instance, as is proved by the fact that they called together a meeting of all interested parties, placed the position before them and asked for their help and advice. The Ministry had undertaken work the difficulty of which I think they hardly anticipated ; and it was only after many commendable attempts on their part to adjust conflicting interests that they again called a general conference. Mr. A. P. Magill, who was in charge, mentioned to me that although there had been numerous deputations and discussions, lasting over a considerable period, no suggestions with regard to the proposed Bill had been sent in. I remember saying to him, "I shall give you a skeleton Bill in two days' time." I obtained the assistance of Mr. Rankin, Mr. Moffet and Mr. Suffern, and we spent the next two days in drawing up a document. A large majority of the ideas and suggestions that were in this document are embodied in the present Act. These gentlemen all became members of the Council later, and I regret to say they have all since passed away. At this further conference, which was a lengthy and representative one, the Ministry heard our views, and after discussing the matter with us asked for a small advisory Committee of four to be set up to assist them in producing a Bill. I had the privilege of being on this Committee. Sir Dawson, with his penetrating insight, succeeded in solving some very knotty problems which were beyond us—for example, the creation of one grade only when two grades formerly existed under the old Act. I know of no man who could so quickly see the fundamentals of any proposition brought before him as Sir Dawson. The question of finance worried us somewhat, and I was on a deputation, with the late Mr. Guiler, to the Minister of Finance, Mr. Pollock—a ticklish business—but here again Sir Dawson piloted us safely through this difficult passage.

I can recall the patience with which Sir Dawson received deputations. On one occasion I introduced three deputations to him. The first was a deputation of very old men who felt there was some grievance with regard to the standard of their general education before entering for the practical examinations. One of these old warriors was asked his age, and he replied: "If I am spared to Thursday week, I will be sixty-nine." Sir Dawson smilingly eased their minds on this point. The second deputation was of ex-Service men, and as soon as Sir Dawson's attention was drawn to the fact that the time they had spent fighting for their King and country had placed them at a disadvantage, he with admirable promptitude saw that they were granted the necessary concessions. The third deputation was of the juniors, who were under the impression that they had some grievance ; but after Sir Dawson heard them, he wisely advised them that a thing worth getting was worth working for.

The Poisons and Pharmacy Act itself stands as a monument to the sagacity, wisdom and foresight of Sir Dawson and his co-workers, and is looked upon with admiration and envy by pharmaceutical societies outside Northern Ireland. Another thing I must mention is the question of reciprocity. Under our new Act we were given power to have reciprocity with other Pharmaceutical Societies,

and we immediately got in touch with Great Britain and some of the Dominions to have this arranged ; but we found that the Dominions considered that we should first have reciprocity with Great Britain before they could consider the question. We approached the British Society and put the case before them ; and after a thorough investigation they agreed that our standard was sufficiently high to merit reciprocity. An unfortunate legal point, however, arose, and that was that although Great Britain had power to have reciprocity with the Dominions they had not power to have reciprocity with a body within the United Kingdom. Great Britain immediately proceeded to introduce a Bill to get parliamentary sanction for reciprocity within the United Kingdom, and this was only introduced the last week of the Conservative Government in 1929. We shall never forget the interest Sir Dawson, Major Harris and others of the Home Office took in this work ; they threw themselves into it enthusiastically, and spared neither time nor trouble in pushing everything forward. Sir Dawson actually interviewed the Home Secretary in Great Britain on our behalf, and I am thankful to say with their assistance they were able to get this Bill through within a week ; and now we have reciprocity with Great Britain and a number of the Dominions, so that our present chemists and the chemists of the future will be able to take their place as chemists in Great Britain and in some of the Dominions without having to serve an apprenticeship or pass further examinations. Gentlemen, this is not a formal vote of thanks. I felt I had to go into details so that I could express our sincere thanks, not only for Sir Dawson's coming here to-day, but for what he has done for us, and to make known publicly what he and his staff have done towards safeguarding the welfare and the health of the community.

MR. J. E. CONNOR, J.P., in seconding, referred to the splendid work of the Minister in the restoration of law and order in Northern Ireland and to his co-operation with the work of the local councils.

The vote was passed by acclamation, and SIR DAWSON BATES, in reply, said if the Council was in any difficulty they could always come to him.

Those present also included Mr. G. Hanna, M.P., Parliamentary Secretary to the Ministry of Home Affairs, Major Rupert Stanley, Director of Education, and Surgeon Colonel Mitchell. Apologies for absence were received from the Lord Mayor of Belfast (Sir Crawford McCullagh), the High Sheriff (Lt.-Commander R. M. Harcourt), Lord Charlemont, The Speaker (Rt. Hon. H. G. H. Mulholland, M.P.), Rt. Hon. Sir Edward Archdale, Bart., D.L., M.P., Rt. Hon. J. Milne Barbour, D.L., M.P., Rt. Hon. J. M. Andrews, Lt.-Col. Sir W. B. Spender, K.C.B., C.B.E., D.S.O., M.C., Capt. Rt. Hon. Herbert Dixon, the vice-president, Pharmaceutical Society of Great Britain (Mr. E. Saville Peck), the secretary, Pharmaceutical Society of Great Britain (Mr. H. N. Linstead), the president, Pharmaceutical Society of Ireland (Mr. P. J. Fielding), the vice-president, Pharmaceutical Society of Ireland (Mr. D. Warwick), the registrar, Pharmaceutical Society of Ireland (Mr. J. J. R. Kerr), the chairman, North British Branch, Pharmaceutical Society of Great Britain (Mr. David Harley), the secretary, North British Branch, Pharmaceutical Society of Great Britain (Mr. J. Rutherford Hill), Mr. Herbert Skinner, London (first honorary member), Professors T. H. Milroy, Walmsley, Stewart, J. S. Young, J. A. Milroy, R. M. Henry, the Rt. Hon. Mr. Justice Brown, Mr. Arthur Black, K.C., M.P., Mr. Wm. J. Hardy, past-president Pharmaceutical Society of N.I., Mr. H. Lancashire, ex-councillor, Pharmaceutical Society of N.I., Alderman W. H. Alexander, chairman, Technical Instruction Subcommittee, the principal, Technical School, Omagh (Mr. P. J. Brennan), the principal, High School, Ballycastle (Mr. S. J. Gilmour), Dr. C. J. Still, the Municipal College of Technology, Belfast, Mr. J. W. Porter, the Municipal College of Technology, Belfast, Mr. Theo Harper (examiner), Sir Robert Baird, the chairman, Ulster Medical Association (Dr. G. G. Lyttle), the president, Ulster Retail Drug Trade Association (Mr. S. J. Hudson), Mr. James A. Cleland, The Editor of *THE CHEMIST AND DRUGGIST*, the editor, "The Retail Chemist," Mr. James Moreland, the Society's builder.

# Local Pharmaceutical Committee for Northern Ireland

A MEETING of the newly formed Local Pharmaceutical Committee for Northern Ireland was held at the Employment Exchange, Corporation Street, Belfast, recently. The following members attended:—Messrs. Charles Abernethy, John Adams, James Dundee, S. J. Hudson, James McDowell and E. A. Ritchie (Belfast); Messrs. W. F. Pedlow (Portadown), I. W. Parker (Enniskillen) and H. M. Kelly (Londonderry). Apologies for non-attendance were received from Mr. J. M. Poots (Newtownards) and Mr. J. E. Connor (Newry). Mr. T. Elwood and Mr. W. Scales attended on behalf of the Ministry of Labour.

The chair was taken in the first instance by Mr. S. J. Hudson, but subsequently Mr. John Adams was unanimously appointed as permanent chairman of the Committee, and he accordingly presided at the meeting.

Mr. James Dundee was unanimously appointed vice-chairman.

Mr. James McDowell was unanimously appointed honorary secretary.

The Committee proceeded to elect chemists' representatives and deputies for the various Pharmaceutical Service Committees and Joint Services Committees respectively for the triennial period terminating on September 30, 1936. The following were elected:—

## PHARMACEUTICAL SERVICE COMMITTEE

DISTRICT	CHEMISTS' REPRESENTATIVES	DEPUTIES
County Borough of Belfast	Mr. S. J. Hudson, 381 Beersbridge Road, Belfast.	Mr. J. Dundee, 95 University Road, Belfast.
	Mr. H. P. Crossin, 130 Donegall Street, Belfast.	Mr. Chas. Abernethy, 230-2 Albertbridge Road, Belfast.
	Mr. Jas. McDowell, 201 Newtownards Road, Belfast.	Mr. J. McGregor, 22 Botanic Avenue, Belfast.
County of Antrim	Mr. Ian Clarke, 32 Main Street, Portrush.	Mr. F. T. Smith, The Medical Hall, Antrim.
	Mr. R. L. Chambers, Market Square, Lisburn.	Mr. J. Hall, 13 Dunluce Street, Larne.
	Mr. J. L. Woodside, 14 Church Street, Ballymena.	Mr. J. A. Donaghy, The Broadway Pharmacy, Ballymena.
County of Armagh	Mr. F. A. Ferguson, Windsor Pharmacy, High Street, Lurgan.	Mr. A. Gracey, 56 Church Place, Lurgan.
	Mr. W. F. Pedlow, 16 Market Street, Portadown.	Mr. W. J. Moore, 2 High Street, Portadown.
	Mr. J. W. Gray, 24 English Street, Armagh.	Mr. M. I. Mullan, 25 Thomas Street, Armagh.
County of Down	Mr. J. M. Poots, 5 Castle Street, Newtownards.	Mr. J. Dale, Church Street, Dromore, co. Down.
	Mr. J. E. Connor, 79 Hill Street, Newry.	Mr. P. Mallon, 60 Hill Street, Newry.
	Mr. J. Macauley, Irish Street, Downpatrick.	Mr. H. C. McCracken, 23 Newry Street, Banbridge.
Counties of Fermanagh and Tyrone	Mr. I. W. Parker, 4 Darling Street, Enniskillen.	Mr. W. S. Taylor, 5 Townhall Street, Enniskillen.
	Mr. W. V. Bates, of McAdam & Bates, Ltd., Omagh.	Mr. C. A. Wray, James Street, Cookstown.
	Mr. S. Gamble, Fivemiletown, co. Tyrone.	Mr. H. A. Kyle, 60 Market Street, Omagh.
County of Londonderry	Mr. S. S. Badger, The Medical Hall, Magherafelt.	Mr. W. A. Murphy, Market Street, Limavady.
	Mr. A. E. Dickson, Waterloo Place, Londonderry.	Mr. J. F. O'Donnell, 37 William Street, Londonderry.
	Mr. H. Sweeny, 57 Strand Road, Londonderry.	Mr. Henry L. Craig, of Craig & Wellwood, Ferryquay Street, Londonderry.

## JOINT SERVICES COMMITTEE

DISTRICT	CHEMISTS' REPRESENTATIVES	DEPUTIES
County Borough of Belfast	Mr. J. Dundee, 95 University Road, Belfast.	Mr. Richd. Lineham, 88 Donegall Street, Belfast.
	Mr. J. Adams, 281 Up. Newtownards Road, Belfast.	Mr. E. A. Richey, 384 Newtownards Road, Belfast.
County of Antrim	Mr. R. L. Chambers, 45-7 Market Square, Lisburn.	Mr. F. T. Smith, The Medical Hall, Antrim.
	Mr. J. Hall, 13 Dunluce Street, Larne.	Mr. L. J. Woodside, Church Street, Ballymena.
County of Armagh	Mr. F. A. Ferguson, Windsor Pharmacy, High Street, Lurgan.	Mr. R. Kerr, 34 Market Street, Lurgan.
	Mr. W. F. Pedlow, 16 Market Street, Portadown.	Mr. J. W. Gray, 24 English Street, Armagh.
County of Down	Mr. J. M. Poots, 5 Castle Street, Newtownards.	Mr. J. Macauley, Irish Street, Downpatrick.
	Mr. J. S. Balmor, 93-95 Main Street, Bangor.	Mr. T. Unsworth, Railway Street, Ballynahinch.
Counties of Fermanagh and Tyrone	Mr. I. W. Parker, 4, Darling Street, Enniskillen.	Mr. W. V. Bates, of McAdam & Bates, Ltd., Omagh.
	Mr. S. Gamble, Fivemiletown, co. Tyrone.	Mr. C. A. Wray, James Street, Cookstown.
County of Londonderry	Mr. R. F. McCartney, 9 The Diamond, Coleraine.	Mr. S. E. Campbell, 97 Bishop Street, Londonderry.
	Mr. H. M. Kelly, 98 Duke Street, Londonderry.	Mr. H. E. Young, 24 Strand Road, Londonderry.

The Committee expressed a desire that all insurance chemists should be supplied with a list showing—

(a) The names and addresses of the newly formed Local Pharmaceutical Committee for Northern Ireland, and

(b) The names and addresses of the chemists' representatives and deputies elected to serve on the various Service Committees for the ensuing three years.

The question as to the most convenient day of the week to hold any meetings of the Local Pharmaceutical Committee and Service Committees respectively was discussed, and it was recommended that, if at all possible, such meetings might be convened for Thursdays. The secretary of the Service Committees pointed out that he would bring the Committee's recommendation under the notice of the respective chairmen of the Committees when meetings are being convened.

The Minister of Labour for Northern Ireland gave notice in "The Belfast Gazette" on November 4 that National Health Insurance (Insurance Practitioners and Pharmaceutical Committees) Amendment Regulations (Northern Ireland), 1933, have been made under the National Health Insurance Acts, 1924 to 1932, amending the National Health Insurance (Insurance Practitioners and Pharmaceutical Committees) Regulations (Northern Ireland), 1930.

"A NICE ONE."—A correspondent tells us that while talking to a chemist in his shop the other day on various trade matters a lady entered and asked for a sixpenny tube of tooth-paste "with a jigsaw puzzle." The chemist was about to wrap up the tooth-paste and puzzle, when the lady inquired if she might see the puzzle before he wrapped it up, as she wanted a nice one. The chemist agreed, and the lady opened the packet. "Do you mind if I see another one?" she asked. The second puzzle satisfied the customer.

# Methylmorphine and Ethylmorphine Regulations, 1933

THE text of the draft Methylmorphine and Ethylmorphine Regulations, 1933, has been issued (price 2d.) by the Stationery Office. Omitting the preamble, the Schedule and the footnotes, the draft Regulations are as follows:—

1. No person shall manufacture, or carry on any process in the manufacture of a drug—

- (a) unless he is duly licensed so to do;
- (b) otherwise than in accordance with the terms and conditions of his licence.

2. Subject as hereinafter provided, a wholesale druggist shall not supply a drug to any person, whether in Great Britain or elsewhere—

- (a) unless he is duly licensed so to do;
- (b) otherwise than in accordance with the terms and conditions of his licence;
- (c) if the drug to be supplied in any one transaction in a quantity exceeding one pound avoirdupois unless the person to whom it is to be supplied is licensed to be in possession of the drug.

3.—(1) A person shall not be in possession of a drug in a quantity exceeding one pound avoirdupois unless he is duly so licensed.

(2) For the purpose of these Regulations a person shall be deemed to be in possession of a drug if it is in his actual custody or is held by any other person subject to his control or for him or on his behalf.

4. No wholesale druggist licensed to supply a drug shall supply the drug unless the package or bottle in which it is contained is plainly marked with the amount of the drug contained therein.

5.—(1) Every wholesale druggist licensed to supply a drug shall comply with the following provisions—

(a) He shall, in accordance with the provisions of this regulation, keep a register and enter therein in the forms respectively set out in the schedule to these Regulations, true particulars with respect to every quantity of any drug obtained by him and with respect to every quantity of any drug supplied by him to any person whatsoever, whether to persons within or to persons outside Great Britain:

(b) A separate register or a separate part of the register shall be used with respect to each of the following classes of drugs—

- (i) Methylmorphine and salts of Methylmorphine;
- (ii) Ethylmorphine and salts of Ethylmorphine.

(c) The required entry must be made on the day on which the drug is received or on which the transaction with respect to the supply thereof takes place, or, if that is not reasonably practicable, on the day next following the said day:

(d) A separate register shall be kept in respect of each set of premises at which the licensed wholesale druggist carries on the business of a wholesale druggist, and subject to the approval of the Secretary of State, a licensed wholesale druggist may, if he thinks fit, keep a separate register for each department of the business carried on by him:

(e) No cancellation, obliteration or alteration shall be made of an entry in the register, and any correction of an entry must be made by way of a marginal note or a footnote which must specify the date on which the correction is made:

(f) The licensed wholesale druggist shall, on demand by the Secretary of State or by any person empowered in that behalf by order in writing by the Secretary of State, furnish to the

Secretary of State or that person, as the case may be, such particulars as the Secretary of State or that person may require with respect to the obtaining or supplying by the licensed wholesale druggist of any drug or with respect to any stocks of drugs in the possession of the licensed wholesale druggist:

(g) The register may be used for the purpose of the entries to be made under section 17 of the Pharmacy Act, 1868, but save as aforesaid shall not be used for any purpose other than the purposes of these Regulations:

(h) Every register shall be kept on the premises to which the register relates and so as to be at all times available for inspection.

6. All registers which are kept in pursuance of the requirements of these Regulations shall be preserved for a period of two years from the date on which the last entry is made therein.

7. Nothing in these Regulations shall apply to any sale or distribution of any of the drugs by a person other than a wholesale druggist nor to any sale or distribution by any authorised seller of poisons in the course of any retail business.

8.—(1) In these Regulations and in the Schedules thereto, unless the context otherwise requires, the following expressions have the meanings hereby respectively assigned to them, that is to say—

“Licence” means any licence issued by the Secretary of State under section 12 of the Dangerous Drugs Act, 1920, and the expression “licensed” shall be construed accordingly.

“Authorised seller of poisons” means, in relation to any period before the coming into operation of Section 28 of the Pharmacy and Poisons Act, 1933, a person who lawfully keeps open shop for the retailing of poisons in accordance with the provisions of the Pharmacy Act, 1868, as amended by the Poisons and Pharmacy Act, 1908, and thereafter a person lawfully carrying on business in accordance with the provisions of the Pharmacy and Poisons Act, 1933, as an authorised seller of poisons.

“Drug” means any of the following drugs, that is to say, Methylmorphine, Ethylmorphine and their respective salts.

“Retail business” means the business of retailing or dispensing (or compounding) drugs carried on at a shop.

“Wholesale druggist” means a person who carries on the business of selling drugs to persons who buy to sell again.

(2) For the purpose of these Regulations but subject in each case to any limitation attached to his licence—

(a) a wholesale druggist licensed to manufacture a drug shall be deemed to be licensed to supply that drug;

(b) a wholesale druggist licensed to supply a drug shall be deemed to be a person licensed to be in possession of that drug in pursuance of Regulation 3 of these Regulations.

(3) The Interpretation Act, 1889, applies for the purpose of the construction of these Regulations as it applies for the purpose of the construction of an Act of Parliament.

9.—(1) These Regulations may be cited as the Methylmorphine and Ethylmorphine Regulations, 1933.

(2) These Regulations shall come into operation on the first day of January, nineteen hundred and thirty-four.

(3) Copies of these Regulations printed under the authority of His Majesty's Stationery Office may be printed with any addition, omission, or substitutions directed to be made by any future Regulations. . . .

## Do Local Associations Care?

By F. E. S. Clarke

THE questions may well be asked, "What have local associations to care about? Do they possess any real power or influence? If so, why is it not exerted? If not, why do they not create it?" These questions, we may be sure, will very soon become urgent. What is this inherent weakness in us as a body that we do not awaken a more self-protecting interest and bestir ourselves, in view of the vital and critical period through which pharmacy is now passing?

Without reiterating the rather dismal story of the great retreat of our pharmaceutical organisations and the consequent passing of the Pharmacy and Poisons Act, let us take warning from past inactivity and anticipate in some degree the prospective conditions likely to arise under the new régime created. The Act has definitely dealt with the poison laws of the country—whether in the best interests of the public need not now concern us; on the other hand, it has definitely left the practice of pharmacy to take care of itself, and that is for us pharmacists the only issue that needs our attention. Personal and business registration, inspection of pharmacies and a host of added regulations are all to be enforced purely from the standpoint of poison supplies and not from that of the practice of pharmacy. That is the great omission. The Act having had its birth, it is up to pharmacists as a body, after reviling it, to realise that it can be made, and must be made, a first stepping-stone to a strong, aggressive and substantial policy of pharmaceutical reform; for although much has been written and spoken in regard to our enhanced prestige and status under the Act, this does not in the least affect us until and unless we place at its side a Bill for Pharmacy.

How, when and by whom is a movement for this purpose to be created? We shall soon have a Pharmaceutical Society strongly entrenched with a largely augmented and assured income (after due allowance for the cost of inspection, etc.) and, moreover, relieved from any constant regard for its membership. Virtually it will become an educational, registering and prosecuting authority, largely under the control of the Privy Council and the Poisons Board. It may then be more justly called "the Pharmaceutical Council of Great Britain" rather than "the Pharmaceutical Society." Ought we to expect from such a body any great burst of interest or enthusiasm for reforms? Is it not more likely that under the system of compulsory membership the work of local branch organisation may suffer, if not altogether cease?

### How to Secure the Needed Power

We must look to ourselves; and the power, rightly understood, can only come from local associations—I use the term in its widest sense. Interest created and directed through such local associations can be made the real driving force with which to secure our aims; but it cannot be denied that no such interest can be developed in any organisation unless it has within its constitution the principle of a wide territorial representation. The wider distribution of interests justifies the principle. Without it our organisation tends to become too "Londonensis" and less "Provincialis"; we need to have the process reversed, a little more of provincialism crystallising in London and less of London vaporising in the provinces. Without in any way wishing antipathy towards the Pharmaceutical Society, we are more justified in looking to the National Pharmaceutical Union for a move in promoting new life and activity among local associations than we are to the Society; but even the N.P.U. has its weakness. In its comparatively short life, we must admit, it has justified its existence; but its activities have developed so largely along the lines of commercial benefits that its power in pharmaceutical politics has been almost stifled. This one-sided interest could be remedied, and we ought to secure from such an existing body the organisation we need for pharmacy.

Here, then, lies the real germ for effectively voicing the collective power and influence of the individual pharmacist; and it is only through such an organised body that we can urge on the Society to do great deeds. Can the required movement be created that will reactivate the N.P.U.? We should then be able to develop throughout the country stronger local associations, possessing unfettered opportunities for voicing all opinions and, above all, the correlation of views with other local associations. The happy issue out of all our afflictions will depend upon a virile body of pharmaceutical opinions directed with persistency and pressure, and so framed as to secure for pharmacy what has so frequently been admitted in theory, its legitimate function in the health services of the country.

## Coming Events

This section is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc. occur.

### Tuesday, November 14

*Pharmaceutical Society of Great Britain*, 17 Bloomsbury Square, London, W.C.1, at 8.30 p.m. First evening meeting of the session. Professor George Barger, M.A., D.Sc., F.R.S. (Professor of Chemistry in Relation to Medicine at Edinburgh University) on "Ergot and Ergotism."

*Birmingham Pharmaceutical Association, Scientific Section*, Imperial Hotel, at 8.30 p.m. Mr. H. Berry, B.Sc., A.I.C., Ph.C., on "Modern Research in Pharmacy."

*Birmingham Technical College, Department of Pharmacy*. Prize distribution and conversations, at 7.30 p.m. The Rt. Hon. Lord Melchett will deliver an address and, after the distribution of prizes, the laboratories will be open for inspection.

*West Middlesex Chemists' Association and West Middlesex Branch of the Pharmaceutical Society*, Eden's Restaurant, High Street, Ealing, at 8.30 p.m. Annual reunion supper.

### Wednesday, November 15

*Guild of Public Pharmacists*, 17 Bloomsbury Square, London, W.C.1, at 7.30 p.m. Mr. A. Clifford Morson, O.B.E., F.R.C.S., on "Homo Sapiens."

*Liverpool Chemists' Association and Liverpool and District Branch of the Pharmaceutical Society*, Adelphi Hotel, at 7.30 p.m. Annual smoking concert in aid of the Society's Benevolent Fund. Major E. Saville Peck (vice-president of the Pharmaceutical Society) will deliver an appeal on behalf of the Fund.

*Manchester Pharmaceutical Association*, Midland Hotel. Annual dinner and dance. Reception, 6.30 p.m. for 7 p.m. Tickets, 10s. 6d. each.

*Pharmaceutical Society of Great Britain, Bedfordshire Branch*, Bedfordshire Insurance Committee Rooms, Harpur Street, Bedford, at 7.45 p.m. Mr. F. W. Adams, B.Sc., A.I.C. (assistant secretary of the Pharmaceutical Society) on "The Pharmacy and Poisons Act, 1933."

*Pharmaceutical Society of Great Britain, Exeter and District Branch*, Rougemont Hotel, Exeter, at 3 p.m. Mr. H. Wippell Gadd on "The Pharmacy and Poisons Act, 1933."

*Pharmaceutical Society of Great Britain, Nottingham and District Branch*, at Mardon's Café, Milton Street. Mr. G. R. Boyes, B.Sc., F.I.C., Ph.C., on "Glands and Gland Preparations."

*Pharmaceutical Society of Great Britain, Sheffield and District Branch*, Church House, Sheffield, at 8.30 p.m. Mr. Hugh N. Linstead (secretary of the Pharmaceutical Society) on "The Pharmacy and Poisons Act, 1933."

### Thursday, November 16

*South of England College of Pharmacy, Sports and Social Club*, Winter Gardens Ballrooms, Clapham. Dance. Tickets, 2s. 6d. each, from the secretary, 186 Clapham Road, London, S.W.9.

*Western (London) Pharmacists' Association*, Trocadero Restaurant, Piccadilly Circus, London, W.1. Dinner-dance. Reception at 6.30 p.m. for 7 p.m. Tickets, 12s. 6d. each.

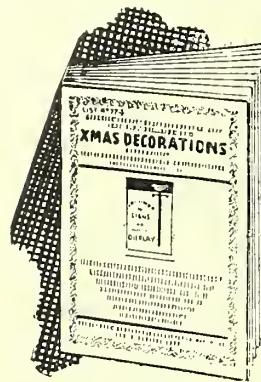
### Friday, November 17

*Pharmaceutical Society of Great Britain, North British Branch*, 36 York Place, Edinburgh, at 8 p.m. Inaugural sessional address. Professor David Murray Lyon, M.D., D.Sc. (Professor of Therapeutics in the University of Edinburgh) on "The Healing Art: Milestones in Medical Progress." Presentation of pharmaceutical chemist diplomas.

THE LAY PRESS AGAIN.—"Here! That powder you sold me turned out to be chloroform!" "Good heavens! I ought to have charged you another six-pence!"—"News Chronicle."

# Trade Notes

CATHETERS.—Britton, Malcolm & Waymark, Ltd., 38 Southwark Bridge Road, London, S.E.1, inform us that they have reduced prices of Jaques aseptic funnel end catheters, size 3-12, British make, and will be pleased to quote special prices for quantities.



CHRISTMAS DECORATIONS.—J. C. King, Ltd., 42-60 Goswell Road, London, E.C.1, have sent us a copy of their latest list (No. 1464), which shows a wide range of Christmas decorations. The list is profusely illustrated in colour and contains many outstanding examples of Christmas showcards, window pelmets and valances, crêpe paper in many designs, artificial flowers, garlands, festoons, and suggestions as to seasonal lighting equipment. A copy of the list may be obtained on application.

LITESOME BELTS.—Fred Hurtley, Ltd., Victoria Park Mills, Keighley, are making chemists a special offer in connection with their Litesome body belts.

ANTI-PNEUMOCOCCUS SERUMS.—Approximately half of all cases of lobar pneumonia in various parts of the world are caused by pneumococcus type I or II, therefore many physicians wish to give mixed I plus II serum immediately the patient is seen. For this purpose Burroughs Wellcome & Co., Snow Hill Buildings, London, E.C.1, issue Concentrated Anti-Pneumococcus Serum, Type I plus II. Each phial of the mixed concentrated serum contains 10,000 units of each antitoxin. The type of the infecting cause is ascertained, and if it belongs to type I or II, the appropriate serum is used for treatment. Both concentrated and unconcentrated anti-pneumococcus serums of each type are available. Attention is drawn to the existence of telegraphic code words which simplifies the ordering of these products, a system of particular value where the title of the product is in any way involved. Reference to this code may be found in the firm's trade price list.

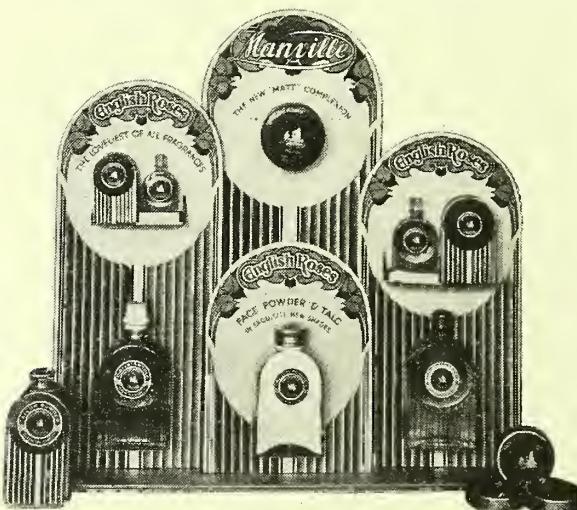


ELMA HAIR WAVER.—Elma Manufactory, Ltd., 16 Water Lane, Great Tower Street, London, E.C.3, have sent us a sample of the Elma hair waver, an apparatus for the production of "natural" waves. The waver is made up of a series of combs so latticed

together that, as it is closed upon the head, the combs move, one going forward and the next one back, carrying the hair into the desired position.

GLYCINE.—Interest has been aroused recently concerning the new treatment of muscular dystrophy by the oral administration of glycine (aminoacetic acid). According to clinical reports, when cases have been treated with 15 gm. once or twice daily there has followed immediately an improvement in the general condition of the patient. The British Drug Houses, Ltd., Graham Street, City Road, London, N.1, have been making this simple amino-acid for some time past for chemical use, but in a degree of purity that renders it ideal for medicinal purposes, so that the company is in a position to meet the demand which has arisen as a result of this new treatment. Any of our readers who would care to receive a sample of the product, or would like to have further particulars of its use, should write to the above address.

ROSE PERFUMERY.—Manville, Ltd., 114 Marylebone Lane, London, W.1, have introduced a series of toilet preparations perfumed with rose. The screen, of which a photograph is reproduced, is available for chemists who



stock these lines (comprising perfume, face powder, talcum and brilliantine), which, it will be appreciated, are packed in distinctive containers. The popularity of the fragrance of the rose in luxury products selling at popular prices should ensure a good demand, apart from the boom period during the festive season. Messrs. Manville also supply English eau-de-Cologne and English lavender water packed in a similar style to the rose preparations.

HALES, CARRUTHERS & Co., 4 Cranbrook Road, Ilford, are now the distributors of Hales coltsfoot rock, Selah glucose barley sugar, Adams glucose products.

MYATT RAZOR BLADES.—W. J. Myatt & Co., Ltd., Argent Works, Birmingham, have introduced a new razor blade, to be known as the Myatt Minor; the Daymark blade is being continued, and five of the latter, together with a razor, are being supplied in a moulded case as a new set—No. 201.

NEW PRICE LIST.—Macleans, Ltd., manufacturing chemists, Great West Road, Brentford, have sent us a copy of their new price list. This list has been very well produced, and it may be obtained by any of our readers on application. Among the many fine illustrations we notice a number of interiors reproduced from THE CHEMIST AND DRUGGIST, 1933, I, 411.

**BONUS OFFER.**—E. Blom & Co., 52 Artillery Lane, London, E.1, the distributors of the My Secret beauty products of Lesourd Pivert, are offering a bonus parcel of these preparations, and details are given elsewhere in this issue.

**INTESTINAL WORMS.**—Harwood (Chemists), Ltd., Rickmansworth Road, Watford, have forwarded us a copy of the letter and booklet they are sending to the medical profession on the subject of a vermicide called Pymosel. This is stated to be "the active principles of the pyrethrines in stable form, suitably protected for effective oral administration." It is available in two forms—Pymosel Taenia tablets for use against tapeworms, and Pymosel granules for other forms of infestation.

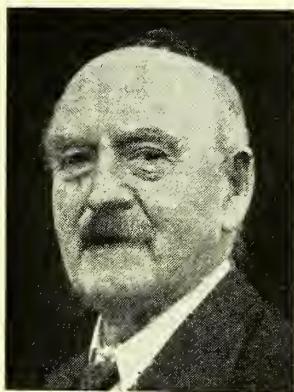
## Marriages

**O'LEARY—FRANKLIN.**—At the Church of our Lady of Victories, Kensington, London, W.8, on October 20, Lieutenant-Commander E. A. O'Leary, R.N. (retired), second son of the late Mr. D. O'Leary, 47 Cornwall Gardens, S.W.7, to Elsa, younger daughter of Mr. J. H. Franklin, Ph.C., Higher Broughton, Manchester.

**STOCK—BLAKELEY.**—At the Parish Church, Birstall, on November 1, Arthur Gordon Stock, chemist and druggist, Tooting, London, S.W., to Marjorie L. Blakeley, chemist and druggist.

## Deaths

**ANDERSON.**—At his residence, 10 Dudhope Place, Dundee, on November 7, suddenly, Mr. James Anderson, chemist and druggist, 70-74 Commercial Street, Dundee, aged seventy-six. Mr. Anderson served his apprenticeship to his elder brother, the late Mr. A. B. Anderson, Princes Street, Dundee. Organised courses of study were then non-existent in that part of Scotland, and he was to a great extent self-taught in the necessary examination subjects, with some coaching from the late Mr. Peter MacEwan, Ph.C. (afterwards Editor of *THE CHEMIST AND DRUGGIST*). He qualified in 1881: for about a year he managed a branch for his brother, and then commenced on



MR. J. ANDERSON

his own account in the Hilltown. Branches were afterwards opened in King Street, Commercial Street and Monifieth: eventually the business was centralised at the present premises. Mr. Anderson contributed some interesting reminiscences to the *C. & D.*, 1932, I, 419, on the occasion of his business jubilee. Of late years his nephew, Mr. Alexander Robertson, has been associated with him in a private limited company, James Anderson (Chemist), Ltd. Mr. Anderson is survived by a widow.

**BOXALL.**—At his residence, "Clerkspool," Wiveliscombe, Somerset, on October 23, Mr. Leonard Edwin Boxall, F.R.G.S. (Boxall & Co., gum acacia merchants, Khartoum, Sudan), aged forty-three. Mr. Boxall, who was the elder son of the late Mr. George Boxall, offered himself for military service at the beginning of the European war, but was refused. In 1915 he returned to the Sudan in a semi-official capacity. Mr. Boxall recently concluded a business trip to the United States, and was

**POND'S EXTRACT.**—Pond's Extract Co., Ltd., Wadsworth Road, Perivale, Middlesex, on another page of this issue make an announcement of considerable interest to chemists. It should be noted that stocks of this well-known proprietary should not be returned until November 15, but as soon as possible afterwards.

**QUINISAN.**—Howards & Sons, Ltd., Ilford, writing to us regarding Quinisan, state that the present minor epidemic of colds has resulted in a rush of orders for this product, and this response is attributed to the successful experience of users during the last winter, since the usual seasonal advertising has scarcely yet begun. Showcards are available for any chemist who sends a postcard request to the manufacturers.

due to return shortly to Khartoum. He was greatly respected, and his early death is mourned by many friends. He leaves a widow and three children. The funeral took place at St. Andrew's Parish Church, Wiveliscombe, on October 27, and a memorial service was held on the same day in Khartoum Cathedral.

**HUDSON.**—At Harrogate, on October 23, Mr. James Hudson, chemist and druggist, aged seventy-five.

**ROUX.**—On November 3, Dr. Pierre Paul Emile Roux, head of the Pasteur Institute, aged eighty. The death of Dr. Roux closely follows that of his sub-director, Professor Calmette, recorded in our issue of November 4. Roux first met Pasteur at the time of the Franco-German war of 1870-71, and worked under his direction in Paris. His introduction of antidiiphtheritic serum has been followed by a steady and gratifying decline in the percentage mortality from diphtheria, the figures, for example, being 33.55 in 1890 and 5.81 in 1925. Our Paris correspondent writes:—"He lived a secluded and somewhat solitary life, entirely wrapped up in his work at the Institute. In fact, the only occasion on which I ever saw him personally was when a party of British pharmacists visited Paris after the British Pharmaceutical Conference of 1905, when Dr. Roux received them and conducted them over the Institute with his characteristic thoroughness. But the proposal to accord this retiring and self-effacing man 'national' obsequies seems to indicate that his life-work was not unappreciated."

**SHRUBSOLE.**—At Swanage, on October 21, Mr. Alfred Shrubssole, Ph.C., aged sixty-seven.

**WALDO.**—At 40 Lansdowne Road, Holland Park, London, W.11, on November 2, Mr. Frederick Joseph Waldo, M.A., M.D., barrister-at-law, late Coroner for the City of London and the Borough of Southwark, aged eighty-one. In early life Dr. Waldo worked under Pasteur in Paris, Koch in Berlin and Pettenkofer in Munich. He held various medical posts prior to 1901, in which year he was appointed City Coroner. During his thirty-one years of office he not only held inquests but also investigated the origin of numerous fires in the City under the powers inherent in his office. The results of these investigations were so valuable that he advocated the extension of this principle to coroners throughout the country. Dr. Waldo took the utmost pains with the cases that came before him: in most of his inquests regarding death by poison, for instance, it was his custom to write with his own hand a special account for *THE CHEMIST AND DRUGGIST*, an account sometimes filling several sheets of notepaper. He was the author of numerous books and monographs.

## Wills

**MR. PETER GRANT.** The Cross, Kingussie, Inverness, chemist and druggist, who died on August 9 last, left personal estate in Great Britain valued £4,770.

**MR. JOHN CUXSON.** 139 Aldridge Road, Perry Barr, Birmingham, late senior director of Cuxson, Gerrard & Co., Ltd., manufacturing chemists, Oldbury, who died on January 9 last, aged eighty-three, left estate gross value £273.

Telegrams :  
"Atoleine  
Sedist,  
London."



Telephone :  
Bermondsey  
1141

*John Bell, Hills & Lucas Ltd.*  
TRIAD BRAND  
EXTRACT OF MALT & COD LIVER OIL  
with CHERRY PARRISH'S FOOD

Send for Sample & Prices  
Oxford Works, Tower Bridge Road, London, S.E.1



## "VAREEN" LIQUID NAIL POLISH

Favourite Colours :	NAIL POLISH
Natural Rose	1/- size, 7 6 doz. 1/6 " 10 6 "
Pale Coral	2/6 " 16/- "
Coral Pink	1/- size, 7 6 doz. 1/6 " 10 6 "
Deep Rose White	1/- size, 7 6 doz. 1/6 " 10 6 "
Brilliant Rose	CUTICLE CREAM
Etc.	1/- size, 7 6 doz. 1/6 " 10 6 "

(FROM YOUR WHOLESALER)

Vareen Ltd., 82a Portobello Rd., London, W.11  
Telephone No : PAEK 9951

## PATENTS AND TRADE MARKS.

There are many worrying difficulties to be overcome in connection with the Registration of Trade Marks and the grant of Letters Patent which members of the Retail and Wholesale Drug Trade can avoid by consulting efficient agents who would undertake all the trouble for an inclusive fee and obtain protection in the United Kingdom and abroad. Advice in the first instance free. Pamphlets gratis.

REGINALD W. BARKER & CO.

56 Ludgate Hill, London, E.C.4.

## KEEN BUYERS KNOW

It pays to push "Nostroline." Where else are BIG SALES and GOOD PROFIT on an ETHICAL PRODUCT backed by such continuous FRONT RANK NATIONAL ADVERTISING?

Order 3 doz. "Nostroline" display parcel  
1 1/3 per doz. carriage paid.

MATTHEWS LABORATORIES LTD., CLIFTON, BRISTOL 8

## A WORD OF CAUTION!

Whenever a doctor specifies

## "LUMINAL"

(Our Registered Trade Mark)

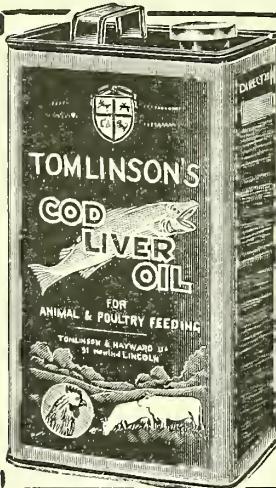
on any prescription, the chemist is legally bound to supply the Original product

Substitutes frequently give different clinical results from the Original, and can be identified as such by us.

In order to protect doctors and patients, we are compelled to safeguard our Trade-Mark rights by rigorous action, if necessary.

**BAYER PRODUCTS LTD.,**  
**Africa House, KINGSWAY, LONDON, W.C.2**

BURROUGH'S  
**SPIRITS OF WINE**  
DUTY PAID DUTY FREE EXPORT  
ABSOLUTE ALCOHOL  
ORANGE WINE SHERRY  
JAS. BURROUGH LTD., 1 CALE DISTILLERY, LAMBETH, S.E.11



## Tomlinson's COD LIVER OIL

Guaranteed vitamin content—full certificate on every package. Purest and best. Packed in 1 pint, 1 quart,  $\frac{1}{2}$  gallon, 1 gallon, 5 gallon.

ADVERTISEMENTS HAVE  
NOW COMMENCED IN  
ALL POULTRY AND  
FARMING JOURNALS

For Trade Terms and samples write :  
TOMLINSON & HAYWARD LTD.,  
51 Newland — Lincoln

## FENNINGS' 50 YEARS' REPUTATION Children's Powders

ADVERTISED EVERYWHERE. READY SALES.  
ALFRED FENNINGS, Cowes, I.W.

## EPHAZONE TABLETS

Regd.  
FOR ASTHMA AND BRONCHITIS

Now available for  
N.H.I. DISPENSING.

Please order supplies from your usual Wholesaler. Stocks carried for immediate despatch.

The Ephazone Company,  
179 Piccadilly, London, W.1 Tel. : Regent 5311-12

DISEASES AND REMEDIES. Price 5s., by post 5s. 3d.

THE C. & D. PRICE LIST FORMULARY, "P.L.F."  
Price 2s. 6d. post free.

VETERINARY COUNTER PRACTICE. Price 7s. 6d. net,  
by post 8s.

THE "CHEMIST AND DRUGGIST," 28 Essex Street, W.C.2

## Information Department

### INFORMATION WANTED

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated.

F/311. Alexandra personal weighing machine	E/411. Melifron's fruit candy
A/711. Archibald's flu powders	D/411. Regnard's powder
H/711. Chiswell inhaler	E/211. Renesol (for epilepsy)
W/111. Haematax for pernicious anaemia	W/269. Svelt depilatory
	B/711. White's Effervescent Phosphosoda

# THE CHEMIST AND DRUGGIST

VOL. CXIX. NOVEMBER 11, 1933 NO. 2805

## To Stamp or Not to Stamp

JUDGING from the letters we have received, there is a strong feeling among chemists regarding one aspect of the "de-stamped" medicine question. The annoyance of our correspondents has been caused not so much by the ingenuity shown by the manufacturers of what were formerly regarded as proprietary medicines in taking advantage of the provisions in the Medicine Stamp Acts which permit chemists to sell "known, admitted and approved remedies" unstamped as by their disinclination to allocate to the chemist an adequate portion of the extra profit made available through the process of "de-stamping." In some instances, the owners of proprietary medicines which have been converted into "brand" products have been generous enough to pass to the chemist a fair share of the 3d. or 6d. thus saved; but many—perhaps the majority—have made themselves the chief beneficiaries of the money they formerly contributed to the Exchequer in stamp duty. Most of the important proprietary medicine owners have followed one another in complying with the Commissioners' requirements regarding formula disclosure and the disclaimer of proprietary rights. They are not to be blamed for ceasing to spend large sums annually on medicine stamps if they have the assurance that they can legally avoid doing so, and are satisfied that their interests are not prejudiced by the manner in which their products are designated and labelled.

### The Margin of Profit

If, prior to the "de-stamping" of their preparations, the manufacturers provide the chemist with a reasonable rate of profit, such as the standard 25 per cent. which the Proprietary Articles Trade Association regards as equitable, and continue to allow that ratio, they have a good claim to retain for their own benefit the full saving effected. If, on the other hand, the chemist's profit on the stamped proprietary has been inadequate, he certainly is, *prima facie*, entitled to expect that when the medicine becomes "de-stamped" he will obtain a material improvement in his rate of discount. The manufacturer's view is, usually, that he cannot afford to make any substantial concession, because the money saved on stamps is to be devoted to additional advertising, as a result of which, he maintains, the chemist's turnover and profits are likely to be materially increased. There is reason to believe that "de-stamping" followed by additional advertising has, in fact, increased sales, and by enhancing the manufacturer's profit has benefited the Treasury, which has regained in income tax what it has lost in medicine-stamp duty. This latter fact, incidentally, may have its bearing on the attitude of the

Commissioners of Customs and Excise in connection with the question of stamp duty. This consideration is not likely to carry much weight with the chemist, who is in a strong position in contending that whereas the manufacturer of a proprietary medicine which, when sold by chemists, pays medicine-stamp duty may have some excuse for not providing an adequate rate of profit, the manufacturer of a "de-stamped" preparation has no such excuse.

## Peloids

THE current issue of the "Archives of Medical Hydrology" contains a report from the International Standard Measurements Committee of the Society of Medical Hydrology, written by the chairman of the Committee (Dr. S. Judd Lewis), on the classification of muds, peats, moors and other natural media used at spas. The Council of the Society passed, on March 31, a resolution calling for a generic name for these substances, and suggesting a Greek or Latin origin for the word. The basic word in Greek is "*πηλός*" with the Latin "lутum" as the alternative. In reply to a questionnaire sent out by the chairman of the Committee, the majority of members favour the Greek derivation proposed, chiefly on the ground that ordinary compounds can be formed from it without diverging into the hybrid terminology that is too often a reproach to science.

### New Terms Proposed

Unless any unforeseen change occurs, "peloid" will be adopted at the next annual meeting of the Society as the generic term for any mud or analogous medium used in spa treatment: "pelology" will therefore be the name of the science of peloids, and "pelotherapy" that of medical treatment by means of peloids. The first definition suggested in Dr. Judd Lewis's report is:—

"A peloid is any naturally produced medium consisting of a uniform mixture of finely divided organic and/or inorganic solid matter and water, such as is applicable in medical practice as a cataplasm for external treatment."

The fundamental classification falls into four divisions:—(a) Groups (describing origin, nature and characteristics); (b) components (chemical, geological and biological); (c) physical properties; (d) clinical classification. The following particulars are given of the proposed division into groups:—

GROUP I: *purely mineral peloids* (or including very little organic matter).

GROUP II: *alluvial and marine peloids*, mainly mineral, especially such as those deposited on the banks or beds of rivers or lakes, or on the seashore; the organic matter is chiefly of the algal type.

GROUP III: *terrestrial peloids, mainly mineral*, in which the organic matter is chiefly of the vascular-vegetable type.

GROUP IV: *terrestrial peloids, mainly of vascular-vegetable origin*; e.g. moors, peats.

GROUP V: *peloids, mainly of marine vegetable origin*.

GROUP VI: *peloids, mainly mineral derived from petroleum and similar deposits*.

GROUP VII: *artificial or factitious peloids*.

Several lengthy replies to the chairman's questionnaire have been received, and it is evident that the proposed classification is arousing considerable interest in scientific circles. Modern research in the chemistry of colloids enables "pelology" to begin its existence with excellent prospects of usefulness.

# We visit the Energen Works

A Model Factory where  
Science is applied to  
Food Production

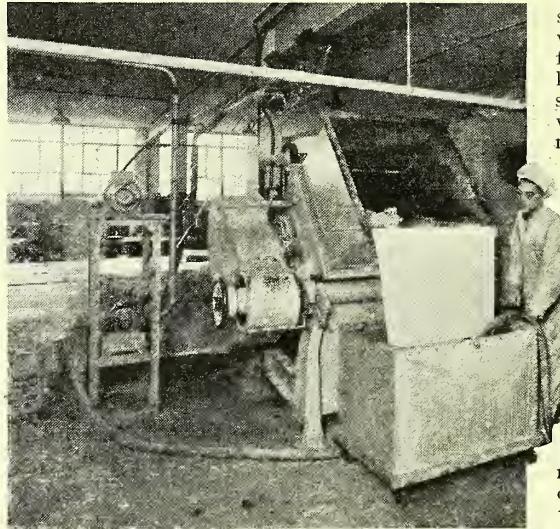
THE manufacture of Energen food products—familiar items of stock to many of our readers—is carried on in a modern, hygienic factory situated in the Willesden district of London. In the course of a recent visit we were able to observe, and to note, many of the most interesting processes. The Energen range, of course, offers a comprehensive selection of scientifically prepared foods of a nature admirably suited to sale by chemists. The principle of the foods is that of "starch-reduction, protein increase," which means that excess starch is removed and replaced by an increase in the nourishing element (protein), giving, it is claimed, scientifically balanced natural foods. Furthermore, every box containing Energen products bears a guaranteed statement of the contents in grams of protein, carbohydrate and fat, as well as the total calories of the foods, thus enabling the physician to prescribe a correct diet with precision. From the literature supplied by the company on the uses of the foods the following may be taken as examples of conditions in which Energen is indicated: Diabetes, indigestion, high blood pressure, rheumatism, and constipation. For the treatment of each of these ailments, and for such purposes as the maintenance of good general health, an adequate diet for the brain worker, control of weight, light diet, and the prevention and treatment of forms of malnutrition, attractive specimen daily menus—incorporating the various Energen products—have been compiled and are very largely used by the medical profession, no less than 14,000 doctors, according to the Energen Co.'s records, having requisitioned diet cards for the use of their patients. The point which strikes us most, however, in reading through the literature, is that here is an obvious opportunity for the chemist whose advice is frequently sought in matters of diet. Apart from the indications already mentioned, the process of "slimming," which has now reached the stage of being a virtual necessity for all who wish to keep fit, can, we are informed, be safely and certainly carried out by the use of a special 18-day diet in which the main factor is Energen bread. Chemists can obtain these extremely useful diet cards,



which are arranged so that the weight can be recorded daily, without charge on application to the company.

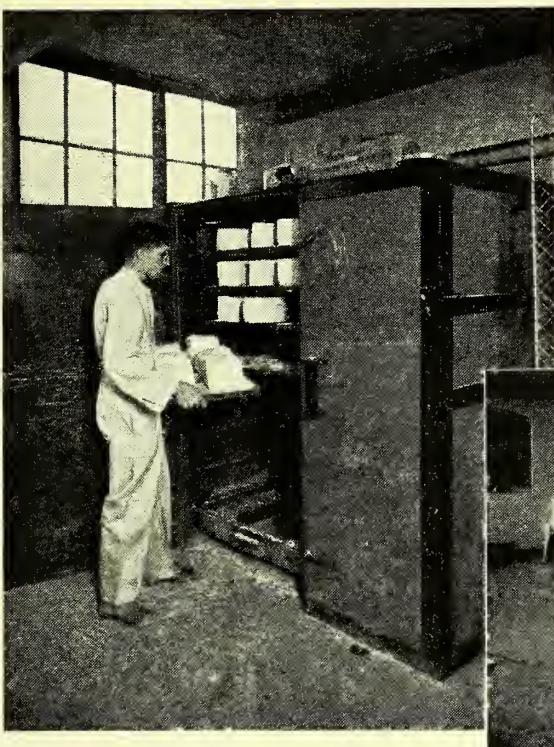
Our tour of the works commenced at the machines in which the flour is made into dough. This dough is subjected to a series of washings under critical conditions of time and temperature, until practically all the starch is exhausted, the substance left being, of course, gluten, the protein body present in white flour. What becomes of the starch, which is actually a by-product, we will presently explain, the important substance, so far as the bread is concerned, being the gluten. The next process concerns the maturing of the protein; this is allowed to proceed in a series of special vats, and, when complete, the substance is taken out in convenient quantities and freed from excess water; it is then kneaded into dough. At this stage the question of exact weight arises; accuracy in this respect is important because,

as already explained, the final product is guaranteed to be of definite composition. Each piece of dough, therefore, is separately weighed and the weight checked. The weighed dough is then placed on a "balling" machine which divides it into portions; for certain products a further division is necessary, and this is accurately carried out by ingenious cutting machinery. The units of dough are then placed on trays and, without undue loss of time, arrive at the ovens for baking. In the ordinary way one would expect the process to end on the baking



REMOVING THE STARCH FROM THE FLOUR

of the bread, but, in the case of Energen, this is not so. The bread, still on the trays, passes slowly through a tunnel dryer of special design, and in this process lies the reason for its keeping qualities. Then on to a travelling band, where it is sorted, and any not quite up to standard immediately rejected. The packing is done on

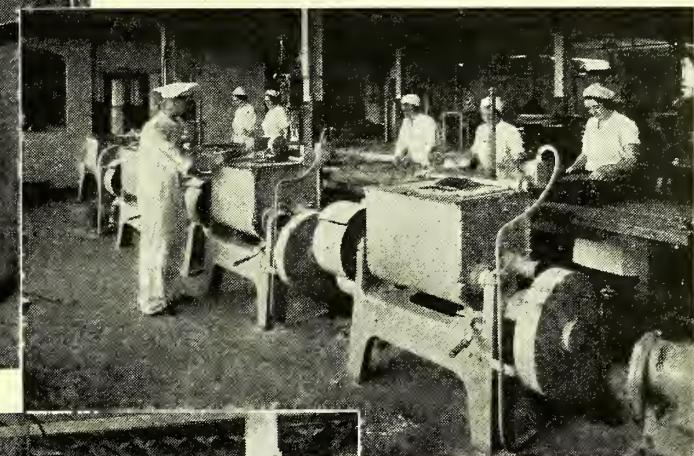


the usual travelling band principle, except that an automatic wrapping machine is used. With regard to the starch liquor which is separated from the gluten at an early stage in the process, this is pumped up into large vats where it is screened and cleaned. It is then dropped into a centrifuge which separates the starch. The starch is then cut out of the spinning bowl by means of a special knife and cast into cubes; it is then purified, dried and crystallised, and finally disposed of as a by-product to laundries and for other industrial purposes. We understand that a general invitation to visit the Energen works is extended to all chemists.

#### Analytical Control

Each of the processes carried out at the Energen works, as may be expected, is subject to a system of analytical control. The raw materials are carefully checked for the protein and carbohydrate contents. Every season, of course, produces a new crop of wheat so that no definite standard is possible; as the flour, however, is washed down to gluten, no great difficulty arises. A glance at a few of the analytical reports which were supplied to us by the company (the analysis in each case being made by an outside body) are perhaps of interest:—Energen bread is stated to contain moisture 9.5 per

cent.; protein, 36 per cent.; fat, 5.7 per cent.; starch, 45 per cent.; cellulose, .1 per cent.; and undetermined matter, 3.7 per cent. "Strength of Wheat," which is described as the essential constituent of Energen bread and which is recommended as a perfect food for infants, children, adults and invalids, showed the following results:—Moisture, 12.86 per cent.; ash, 0.42 per cent.; fat, 3.1 per cent.; protein, 16.45 per cent.; and carbohydrates, 67.17 per cent. Other Energen products, of which brief mention may be made, include the various forms of bread—batons, batonettes, rolls, loafettes, wholemeal—biscuits, rusks, Bismal ("starch-reduced" breakfast food), flour ("starch-reduced"); semolina, tapioca, macaroni, cocoa, and a range of special jams of low sugar content but retaining the characteristic flavours of the fruits.



*Above, left—  
STARCH EXTRACTED  
FROM FLOUR*

*Above—  
A BATTERY OF MIXING  
MACHINES*

*Left—  
DIVIDING DOUGH  
MECHANICALLY*

*Below—  
TWO OF THE OVENS*



# Association Meetings

**Brighton.**—The annual meeting of the Brighton and Hove Association of Pharmacy was held on October 30, Mr. K. J. Padwick in the chair. The secretary (Mr. Hugh Foster) presented his report for the past year, stating that membership had increased from 70 to 80 and finances showed a balance in hand. The efforts of the Association towards getting wholesale houses to confine their business to qualified chemists had received much support, and the names of those houses who were assisting this movement were given to members present and preferential treatment requested. After a short discussion on the N.P.U. publicity scheme, voting showed a majority of two against the scheme going forward in its present form. It was agreed that more general support would be given to a modified plan, on less expensive lines. The new officers were elected as follows:—*President*, Mr. J. E. Vickers; *Vice-Presidents*, Messrs. Padwick, Banks, Franklin and D. Foster. Compliments were paid to the secretary for his services, and he was re-elected with acclamation. The annual dinner will be held on January 19, 1934.

**Great Yarmouth.**—At the annual meeting of the Great Yarmouth Pharmaceutical Association, held on October 25, the following officers were elected for the ensuing year:—*President*, Mr. E. King; *Secretary*, Mr. R. C. Hannant. A vote of thanks to the retiring president (Mr. P. R. Hill) was passed, for his services during the past year.

**London (N.).**—The opening meeting of the North London Pharmaceutical Association was held on October 23. A large attendance had gathered to hear an exposition of the Pharmacy and Poisons Act by Mr. Thomas Hardy (chairman of the Law Committee of the Society). Prior to the address, a vote of condolence with Mrs. J. T. Walters was passed, and the secretary was requested to write expressing the regret of the members at the loss of an ex-president and treasurer. The first business was to elect the officers for the ensuing year. The president (Mr. J. Hearle) was unfortunately absent, but in a letter he had expressed a wish to retire. Mr. W. C. Swanston (vice-president) was elected to the chair as *President*. The new *Vice-President* is Mr. C. W. Andrew; *Treasurer*, Mr. G. F. Weiss; *Secretary*, Mr. Herbert Skinner. There was no change in the other officers; but to fill the vacancy created by the death of Mr. Walters, Mr. G. A. Steele was elected. Mr. Hardy then gave his address (*C. & D.*, October 28, p. 524), which covered the various points of the Act section by section, each one receiving crisp comments on the subject-matter. Several questions were asked by Messrs. Skinner, Weiss, Walters, Steele and Scholes, to which Mr. Hardy replied. The chairman, in recording a hearty vote of thanks to Mr. Hardy, expressed pleasure at the presence in the meeting of Mr. Scholes (Manchester) and Mr. Clubb (Liverpool). During the evening a present of a cheque to get something useful for the home was made by the president on behalf of the Association to two members of the Association who had recently been married, their secretary and Miss H. E. Claremont. Mr. Skinner, in reply, expressed for both the thanks for the kindly thought of the Association.

**London (W.).**—A joint meeting of the Western (London) Pharmacists' Association and the National Association of Women Pharmacists was held on November 1, Mr. Gwilym Thomas (president) in the chair. A lecture entitled *The Romance of Hospitals* was given by Mr. Walter Deacon (a member of the Pharmaceutical Society's Council). The lecturer, with the aid of an excellent collection of lantern slides, traced the growth and improvement of hospitals on the Continent and in this country over many years. Illustrations of modern hospitals in Rome, Switzerland, France and Holland were projected on the screen and were described in detail by Mr. Deacon. Of great interest was a comparison of the original Guy's and Bartholomew's hospitals with their present buildings. Mr. Deacon mentioned that the

names of Madame Curie and Professor Röntgen could not be forgotten in the romance of hospitals. In conclusion Mr. Deacon stated that the "last word" in hospitals was the Royal Masonic Hospital at Ravenscourt Park, W.6. Messrs. Jenkins and Melhuish spoke of their appreciation of Mr. Deacon's address. A vote of thanks to Mr. Deacon was proposed by Mr. D. T. Jones.

**Manchester.**—A meeting of the local branch of the Photographic Dealers' Association was held on October 30, Mr. J. G. Chapman presiding. The following were elected members of the Committee:—Messrs. H. Bracewell, J. G. Chapman, J. Cleworth, W. Edwards, H. Derbyshire, F. Foxall, P. Hogley, W. Scholes, E. H. Simmons, Steinman, G. V. Tyler, and F. Wilkinson. The election of chairman, secretary and treasurer was deferred until the new committee held their first meeting. Mr. Chapman drew attention to the membership numbers, and stated that out of about 500 approved dealers in the Manchester area (including branch shops) only about 160 were full subscribing members of the P.D.A.; he urged those present to do all they could to persuade their fellow dealers to join. The notice of the meeting was drawn to a letter received from headquarters in London, which it was suggested should be sent out by the branches with a view to obtaining new members before the end of this year, since the subscription for new members would be £1 for their first year in future. At present any new member would be admitted for 12s. 6d., which included the 10s. subscription for 1934. It was decided to obtain copies of this letter and have them posted to non-members immediately. An interesting discussion on developing and printing prices took place, and the following resolution was unanimously carried, with a request that a copy should be sent to the National Council:—"That representations should be made to the manufacturers asking them to refuse to supply all classes of photographic materials to retailers who cut retail prices of D. and P., or who offer, in any way, inducements to the public which are not approved by the P.D.A." After further discussion on the point of members of the Association not adhering to the recommended scale of charges, the following resolution was passed unanimously, with a request that a copy be sent to the National Council:—"That any member of the P.D.A. who indulges in cutting of D. and P. prices below the P.D.A. recommended scale should be ineligible for membership of the National Council." The members agreed that to reduce the price of developing and printing charges would be a mistake.

**Wallasey.**—The opening meeting of the Wallasey Pharmacists' Association was held on November 2, the president (Mr. J. B. Williamson) in the chair. At the outset, the chairman mentioned that the annual whist drive in aid of the Society's Benevolent Fund would take place at Derby House on November 29. The secretary announced that the new National Formulary would come into operation on January 1. Referring to the N.P.U. Conference he said they would be pleased to have any items of interest for discussion at the Conference. Mr. Valentine said the occasion had long passed when the 10-per-cent. cuts should be restored, and if it only went so far as an expression of opinion to Mr. Mallinson from pharmacists in that district, it would be justified. A resolution "That this matter should be brought to Mr. Mallinson's notice that the 10 per cent. should be restored," was passed. The chairman asked whether there were any comments or suggestions in regard to the N.P.U. advertising scheme. Mr. Valentine said the word "drug" had recently acquired a significance in the lay mind, and he was of the opinion that they ought to suggest that they avoid the use of this word. A resolution from the Carmarthenshire Branch of the N.P.U. (*C. & D.*, October 28, p. 539) was dealt with and it was decided to forward a similar resolution

to the N.P.U. The main item on the agenda was the "Hat Night"—in which each member contributed a question which was drawn from a hat and debated upon. An excellent discussion took place on the question, "Do you believe in the rota system for half-holidays and Sundays?" Mr. Williamson said in his view it was a splendid thing, as it allowed the chemist a little leisure. Mr. H. C. Tristram said he had tried it, and from his point of view it was very successful. Coding became of the utmost importance under the system. A further question arising was "Do you approve of the suggested regulations for apprentices?" Mr. Tristram pointed out that one of the regulations was that certain apparatus should be continually used by the apprentice, and another that the shop was also open for inspection by the Society's inspectors. They were intended to ensure that the apprentice received a really sound education in pharmacy. Mr. Richards said he did not know that he altogether approved of the inspection of shops, but Mr. Tristram remarked that he did not think that any of them who were doing their work correctly should raise any objection. Mr. Valentine said, in his opinion, nobody would object, providing the inspectors were suitable men. Mr. Williamson said he thought that only a pharmacist could do this work properly. Mr. Valentine

said he did not think there would be any real difficulty. Mr. Tristram thought it would reduce the number of apprentices and be all for the good of the profession, whilst Mr. Williamson said there had been too many apprentices in the past and it would have the effect of reducing the number of shops. Mr. Valentine proposed a resolution "That the same consideration be given to the choice of inspectors under the apprentice scheme as that suggested for poisons law inspectors." A general resolution, "That this meeting of the Wallasey Pharmacists' Association approves of the scheme and trusts that in the interests of the profession the Council will appoint pharmacists as inspectors," was passed. A further question discussed was "Should pills be dispensed coated?" It was thought that unless there was a definite stipulation that they should not be coated, the pills ought to be coated. In answer to the question, "Does advertising pay?" it appeared that advertising might pay in some cases and not in others. "Do you advocate the use of trading stamps to encourage business?" elicited the reply that chemists generally did not believe in any of these schemes. Mr. Williamson remarked that he should like to see all these gift schemes abolished. Mr. Valentine said that so long as the retailers accepted these schemes they would continue.

## Festivities

### Liverpool Pharmacy Club

THE Liverpool Pharmacy Club held a successful and enjoyable dance on October 25, at the New Carlton Rooms, Dale Street. Among the guests of the evening were Mr. and Mrs. Waterworth (Birkenhead), Mr. H. Humphreys Jones, Mr. Williamson and Mr. and Mrs. Moreton Parry. It is hoped that another dance may be held in the next few weeks.

### Photographic Dealers' Dinner

THE annual dinner of the Photographic Dealers' Association was held at the Park Lane Hotel, Piccadilly, London, W.1, on November 7. The guests, numbering about 370, were received by the president (Mr. W. Thompson), and Mrs. Thompson, and included Mr. John Keall (president of the Pharmaceutical Society), Mr. A. Finnis Attwell, Mr. Gerald M. Bishop, Mr. A. Blackburn, Mr. F. J. Butcher, Mr. J. G. Chapman, Mr. Bernard Cook, Mr. J. E. Crowe, Mr. W. L. Edwards, Mr. Wallace Heaton, Mr. C. Houghton, Mr. W. Hudson, Mr. T. Midgley Illingworth, Mr. H. J. Kraushaar, Mr. H. Lomax, Mr. G. A. Mallinson (secretary of the National Pharmaceutical Union), Mr. H. Mottershaw, Mr. F. Pettifer, Mr. A. Preston, Mr. D. A. Rees, Mr. R. Robinson, Mr. E. Skues, Mr. H. W. Thomas, Mr. C. T. Thonger, Mr. G. P. C. Vallance, Mr. C. B. Woollens, and Mr. F. J. Young. After the loyal toast that of "Our Guests" was proposed by Mr. Donald Foster (vice-president of the P.D.A. and chairman of the Hove Branch). Mr. Foster extended a welcome to the guests, the number of which, he said, constituted a record. He extended a special welcome to Mr. John Keall (president of the Pharmaceutical Society). When one realised, he said, that some 60 per cent. of photographic business was in the hands of chemists, one could see how closely pharmacy and photography were connected. He had pleasure in coupling with the toast the name of Mr. Keall. Mr. Keall, in reply, voiced appreciation of the way in which the toast had been expressed and received. On behalf of pharmacy he thanked them for their delightful hospitality. It was the duty of all registered pharmacists, he said, to support the P.D.A. as photo dealing had become an integral part of pharmacy. He emphasised that the only road to success was loyal and efficient service. "The Press and the Amateur" was proposed by Mr. W. Spence Culbert (P.D.A. Councillor for Glasgow and West of Scotland). Mr. Culbert, referring to a recent photographic competition, said the P.D.A. owed a debt of gratitude to "The Daily Express" for running this successful competition two years ago. He had pleasure in coupling with the

toast the name of Mr. Beverley Baxter. Mr. Beverley Baxter (late Editor of "The Daily Express"), who replied to the toast, advised them to go ahead, and by means of the camera to make citizens conscious of the beauty of the country. Lieut.-Col. J. T. C. Moore-Brabazon, M.C., M.P., proposed "The P.D.A." to which toast the president replied. Mr. Thompson thanked Lieut.-Col. Moore-Brabazon for all the pleasant things he had said about the P.D.A. and himself. He mentioned that most of the work was done by the Council and by the general secretary (Mr. E. J. Andrews). He was appreciative also of the energy of Mr. Wallace Heaton, who, he said, was largely responsible for the success of the evening. An excellent musical programme was provided and dancing continued until 2 a.m., when "Auld Lang Syne" brought to a close a highly successful evening.

### West Kent Dinner

THE fourteenth annual dinner of the West Kent Chemists' Association, held on November 1 at the Royal Bell Hotel, Bromley, was an exceptionally enjoyable event. Mr. E. G. Price (president), who was accompanied by Mrs. Price, occupied the chair, and was supported by Councillor and Mrs. Allan Bone (Chislehurst). The principal guests were Mr. E. T. Neathercoat, C.B.E., Sir Charles Iggleston (chairman of the Kent Insurance Committee), Mr. J. E. French (secretary of the Kent Pharmaceutical Committee), Mr. W. Marke (president of the Bromley Chamber of Commerce) and Mrs. Marke. The chairman, in proposing the toast of "The Pharmaceutical Society," said that the original aims of the Society were still being carried on in the best possible way. Mr. Neathercoat, in reply, referred to his long association with the Society. He mentioned, as an example of the Society's important duties, the pharmaceutical side of N.H.I. work. This was being carried out with the idea of providing the best possible service both for the State and insured persons. Mr. Bone, in proposing "Our Visitors," referred in happy vein to certain "Knights of the Road" who were present—likening them to Chaucer's "Canterbury Pilgrims," who also told tales! Sir Charles Iggleston, in reply, declared that the chemists of Kent rendered as perfect a service under the N.H.I. as possibly could be rendered. He knew they spared no pains to supply medicines at what were very often most awkward times. He wished to thank them, on behalf of the insured persons and those who administered the Act, for the human touch they put into their work. Mr. French, proposing the "West Kent Association," congratulated the members on its virility, inasmuch as it was, after twenty years, still one of the most active in the county of Kent. Mr. C. R. Stanyon (a past-president) acted as toastmaster.

# Drug-Store Proprietors' Society

THE annual meeting of the Incorporated Society of Pharmacy and Drug Store Proprietors of Great Britain, Ltd., was held at the Mitre Hotel, Manchester, on October 25. The secretary (Mr. N. D. Vine) reported an increase in membership and subscriptions. The following are the principal passages of general interest in the report of the organising secretary (Mr. W. Huntrrods):—

"This last year has undoubtedly been one of the most important, in so far as it will effect our future, as a result of the passing of the 1933 Poisons and Pharmacy Act. It has been admitted by most eminent High Court Judges, that the 1868 Act was a most unsatisfactory muddle of verbose clauses, which did not reflect any credit either on the framers or the draughtsmen of the Act. The present Act whilst drawn up in much more clear phraseology is far from satisfactory, and will I am afraid lead to a good deal of litigation before we obtain a clear interpretation of the various clauses.

## THE PHARMACY AND POISONS ACT DISCUSSED

"Part I enacts compulsory membership of the Pharmaceutical Society by all persons on the register of Chemists and Druggists. The Pharmaceutical Society are empowered to fix an annual retention fee. . . . At present the fee has been fixed at one and a half guineas. In this respect no doubt the Society has acted wisely, by not ruffling the feathers of the Chemist too much at first. But I think it is a foregone conclusion that they will next year raise the fee to the fullest possible amount. . . . In addition every practising Retail Chemist, dispensing and selling poisons, will have to register his premises annually at a fee not exceeding £3. Up to the present the Pharmaceutical Society have not yet fixed this fee. They will probably start it at £1 and gradually increase it to the fullest possible extent, so that eventually the Retail Chemist will have to pay an annual subscription of £5 to the Pharmaceutical Society, in return for which he will be entitled to the exclusive use of the word Pharmacy and be subjected to a most annoying inspection of his premises. As a result of these impositions, it is no small wonder, that some Chemists have already expressed their intention of disassociating themselves from the Pharmaceutical Society, and continuing their business as a Drug Store, especially in view of the fact that the N.H.I. dispensing is and will continue to diminish. . . . We have unfortunately lost the privilege of continuing the use of the place name Pharmacy. Clause 3 (2) and Clause 21 (8) state that, we must not use any title, emblem, qualification or description 'reasonably calculated' to suggest that we can sell First Scheduled Poisons, or dispense drugs, other than any qualification, which we possess. The interpretation of these somewhat ambiguous clauses depends upon how a Court will define the two words 'reasonably calculated,' although we should not have any real difficulty in steering clear of any action. At present we take the view that we are entitled to state on our labels, such descriptions as late dispenser to so and so, late manager, or assistant to so and so, late dispenser in the Army or Navy, or exhibit any certificate we possess. There is no doubt the Pharmaceutical Society will endeavour to prevent us from using any descriptive title, but I think we shall have very good grounds to work on, for our defence.

"The most important clause (Sec. 16) is undoubtedly the setting up of a Poisons Board, whose duty it shall be to draw up a Poison Schedule, divided into two parts. Part I Poisons will be saleable only by Registered Chemists under the present stringent regulations. Part II Poisons will be saleable by all registered Part II poison sellers. Sec. 17 (3). This clause suggests to the Poisons Board that articles placed in the second schedule should as far as possible consist of those in or likely to come into common use for purposes other than those which are for human ailments. Here again is another very unsatisfactory clause in so far as the phraseology goes. It states nothing definite and would have been much better omitted. It is possible all packed poisonous but safe pro-

prietary articles, together with such medicines as Paragoric, will be placed in Schedule II, together with Eucalyptus Oil, Tincture of Iodine, Camphorated Oil, and other articles for external purposes, using the necessary appropriate labels. At the same time it is very probable that such articles as Tincture of Ipecac, Potter's Asthma Cure, Belladonna and other Plasters, Depilatories, and other similar articles will not be classed as poisons at all.

## THE KITCHEN-GARDEN CHEMIST

"I believe the average Kitchen-Garden Chemist now fully realises our little Bill would have given him much more protection and dignity, and that his interests have not been protected by the Pharmaceutical Council, which consists of men who can well afford to leave their premises, and sit in all their glory and splendour, attending most assiduously to social functions. . . . It is just possible much good will come out of this Bill, as the Government, when they realise the hardships and dissatisfaction, will introduce an amended Act in a very few years, which will satisfy the majority of Chemists, ourselves and the public. We have the satisfaction of knowing that there are three important clauses in the present Act which have been taken from our little Bill introduced some years ago. (1) The setting up of a Poisons Board. (2) The taking away the monopoly right of prosecution from the Pharmaceutical Society. (3) All infringements by both Registered and Unregistered Chemists must be heard in a summary Court of Justice. The shortest clause in the Bill (22) states: It shall not be lawful for a poison to be exposed for sale in, or to be offered for sale by means of, an automatic machine. Whoever heard or conceived such an idiotic idea as selling poison from a machine? . . .

"A most important part of the Bill (26) specifies that the new Poison Schedule, Rules or Orders must be agreed upon by the Secretary of State, and that such orders and rules must be laid before each House of Parliament, for a period of thirty days, during any session of Parliament, which has power to annul such orders. It is here where we shall have an opportunity of protecting our existing interests should the Pharmaceutical Society seek through the Poisons Board to take any away. . . . It might not be out of place to remind the Pharmaceutical Society that Section 25 states distinctly that it is the 'duty' of the Society to appoint Inspectors to 'enforce' the provisions of the Act, and that it may be necessary, if they fail in their duties, for us to see that the rules and regulations are as strictly carried out, as we shall have to carry them out. During the many expressions of opinions given by leading Chemists and Societies, not one has dared to tell them that we have the same power as the Pharmaceutical Society to enforce the Act. There will be no monopoly prosecution in the future. This is no doubt the most bitter pill the Pharmaceutical Society will have to swallow. . . . Our case has been fully placed before the various Government Departments, and as a result of an interview at the Home Office we have the assurance that our existing rights with regard to carrying on our trade will be fully respected. Further we have official intimation that before the Poison Schedule is passed by the Home Secretary we will receive a copy and our suggestions and observations will be duly considered. We made strenuous efforts to retain the use of the word Pharmacy and no doubt should have succeeded had we been able to show that we had ninety instead of nine per cent. of unregistered Chemists as members. As a result of communications with the Privy Council Office I am pleased to inform you that a letter has just been received, stating that the Lord President is carefully considering the importance of allowing sufficient time for new shop signs and labels to be prepared. . . ."

CONGRESS.—The annual congress of the French Association for the Advancement of Science is to be held at Chambéry on July 24-30. There will be a section devoted to pharmacology, presided over by Professor Leulier, of the Lyons faculty of medicine and pharmacy.

## Trade Report

Where possible scales of prices of chemicals are given for bulk down to small quantities. Prices recorded for crude drugs, essential and fixed oils and coal tar products are for fair sized wholesale quantities. Qualities of chemicals, drugs, essential and fixed oils, etc., vary, and selected brands or grades would be at higher values.

28 Essex Street, W.C.2. November 9.

The better volume of business recorded during October has been followed by somewhat quieter conditions, but the general tone, outside the effects of exchange movements, is quite steady with a number of articles dearer forward. Business, where the American dollar is a contingency, is badly neglected, as is to be expected under prevailing conditions. In the pharmaceutical chemicals markets a very fair trade continues to be done and values are mostly steady. As a result of an increase in the price of metal bismuth salts were advanced on Thursday. Phenacetin is not so steady, with cheap offers once again noted. Santonin is nominal with very low offers from the Continent. In crude drugs a number of products continue in active demand and are firm, while some others remain slack and none too steady. Zanzibar cloves are a point cheaper. Henna leaves are fully steady at good prices and in short supply. Empire honey is steady but quiet on spot. Lobelia herb is firm and short on spot. Menthol remains in quiet demand but is steadier forward. Orange peel has been in strong demand. The forthcoming control of opium is already affecting the forward market. Timaevelly senna leaves are firm on spot; heavy sales of medium hand-picked and manufacturing grades of Alexandrian pods are reported. The lower grades of tragacanth are still being called for and prices have advanced sharply; stocks of this article continue to decrease each month and it is reported that the druggists' quality is now very scarce. Business in essential oils seems to have been slower this week, but there are some features of interest. Bergamot for shipment is dearer for straight oil. Cassia is rather dearer on spot and in short supply. Java citronella is still disappointing. French lavender is gradually falling back with nothing doing. Lemongrass is steady but quiet. French Guinea orange commands the business in this article. Japanese peppermint remains rather quiet, but is steadier forward. Petitgrain is again quoted dearer and is firm. Brazilian bois de rose is a strong spot market. Wormseed is rather easier. The fixed oils group have been mostly in quiet demand this week and quoted values are barely maintained. American turpentine is cheaper but steadier. Linseed oil is rather easier, closing steady.

### Exchange Rates on London

The following is a list of the chief Continental and other exchange rates at the opening on Thursday morning:—

ASPRIN.—This market keeps quite steady and a fair volume of business continues to be reported: home trade, ten cwt., 2s. od.; five cwt., 2s. 10d.; one cwt., 2s. 10d.; 1s. 10d.; 1s. 10d.; 7 lb., 3s.; 7 lb., 3s. 2d. per lb. Export to Colonies and British Possessions, ten cwt., 2s. 10d.; five cwt., 2s. 10d.; one cwt., 2s. 10d.; 1s. 10d.; less than one cwt., 2s. 10d. per lb. ex w/cfs.

Barbizon.—Interest is mostly confined to some limited spot business: spot, one cwt., 13s. rd.; 56 lb., 13s. 3d.; 14 lb., 13s. 6d.; small parcels, up to 1s. 6d. per lb.

BENZOIC ACID (B.P.)—Market is steady and business is normal: quantities, ex works, rs. 9/-; spot parcels, rs. 10/- to rs. 14/- per lb., ex store, as to quantity.

**BANZONAPHYTHOL.**—Business is limited to small quantities, quoted on spot from 3s. 3d. to 3s. 6d. per lb., as to quantity.

Bisulphite salts.—Thursday, mid-day: We are advised that prices for these salts have been advanced as follows: Carbonate, 3d.; citrate, 3d.; nitrate, 2d.; oxide, 2d.; salicylate, 3d.; subchloride, 2d.; subgallate, 3d.; subnitrate, 2d. per lb.

Bromides.—A moderate inquiry being received with makers and dealers' quotations steady; ammonium, not less than five cwt., is. 9d.; one cwt., is. 10d.; of 1b., is. 14d.; smaller quantities, is. 1d. per lb.; potassium B.P. crystals and granular, not less than five cwt., is. 6d.; one cwt., is. 7d.; of 1b., is. 10d.; smaller quantities, is. 1d. per lb.; sodium B.P., not less than five cwt., is. 9d.; one cwt., is. 10d.; of 1b., is. 14d.; smaller quantities, is. 1d. per lb., without engagement. Speci-

prices for larger quantities.

CAFFEINE.—Prices for Continental material are now quoted in sterling, ex store, London, as follows: pure, 250 lb., £s. 6s.; 100 lb., 6s. 3d.; 50 lb., 6s. 1d.; less than 50 lb., 7s. 1d. per lb. Citrate, 250 lb., 7s. 6d.; 100 lb., 5s. 3d.; 50 lb., 3s. 7d.; less than 50 lb., 3s. 3d. per lb. The former scale of prices (p. 1) is unchanged.

**CREOS ACID (B.P. crystals).**—British material is quoted unchanged by makers at 6/-d. per lb., less 5 per cent. discount, nominal and without engagement. Dealers are quoting at level prices.

**CREAM OF TARTIE.**—Market is steady as quoted for British-made op to 200 per cent. material at \$1s. per cwt., less 10 per cent. discount, nominal and without engagement. Dealers' prices are about competitive.

GUARACOL CARBONATE.—Compiled prices from the Commodity were recently advanced as follows: two cwt. 6s. 6d.; one cwt., 10s. 6d.; less than one cwt., 10s. 2d. per lb., ex wharf-duty paid. There may be cheaper spot sellers.

HEXAMINE.—Home makers' scale of prices is as follows: one cwt., rs. 50/-; five cwt., rs. 25/-; two cwt., rs. 10/-; one cwt., rs. 5/-; half cwt., rs. 2.50/-; 1/4 cwt., rs. 1.25/-; 1/8 cwt., rs. 62.50/-; 1/16 cwt., rs. 31.25/-; 1/32 cwt., rs. 15.625/-; 1/64 cwt., rs. 7.8125/-; 1/128 cwt., rs. 3.90625/-; 1/256 cwt., rs. 1.953125/-; 1/512 cwt., rs. 0.9765625/-; 1/1024 cwt., rs. 0.48828125/-; 1/2048 cwt., rs. 0.244140625/-; 1/4096 cwt., rs. 0.1220703125/-; 1/8192 cwt., rs. 0.06103515625/-; 1/16384 cwt., rs. 0.030517578125/-; 1/32768 cwt., rs. 0.0152587890625/-; 1/65536 cwt., rs. 0.00762939453125/-; 1/131072 cwt., rs. 0.003814697265625/-; 1/262144 cwt., rs. 0.0019073486328125/-; 1/524288 cwt., rs. 0.00095367431640625/-; 1/1048576 cwt., rs. 0.000476837158203125/-; 1/2097152 cwt., rs. 0.0002384185791015625/-; 1/4194304 cwt., rs. 0.00011920928955078125/-; 1/8388608 cwt., rs. 0.000059604644775390625/-; 1/16777216 cwt., rs. 0.0000298023223876953125/-; 1/33554432 cwt., rs. 0.00001490116119384765625/-; 1/67108864 cwt., rs. 0.000007450580596923828125/-; 1/134217728 cwt., rs. 0.0000037252902984619140625/-; 1/268435456 cwt., rs. 0.0000018626451492309572265625/-; 1/536870912 cwt., rs. 0.000000931322574615478613125/-; 1/107374184 cwt., rs. 0.0000004656612873077393065625/-; 1/214748368 cwt., rs. 0.000000232830643653869653125/-; 1/429496736 cwt., rs. 0.0000001164153218269348265625/-; 1/858993472 cwt., rs. 0.000000058207660913347413125/-; 1/1717986944 cwt., rs. 0.0000000291038304566737065625/-; 1/3435973888 cwt., rs. 0.000000014551915228336853125/-; 1/6871947776 cwt., rs. 0.0000000072759576141684265625/-; 1/1374389552 cwt., rs. 0.000000003637978807084213125/-; 1/2748779104 cwt., rs. 0.0000000018189894035421065625/-; 1/5497558208 cwt., rs. 0.000000000909494701772053125/-; 1/10995116416 cwt., rs. 0.0000000004547473508860265625/-; 1/21990232832 cwt., rs. 0.000000000227373675443013125/-; 1/43980465664 cwt., rs. 0.0000000001136868377215065625/-; 1/87960931328 cwt., rs. 0.000000000056843418860753125/-; 1/175921862656 cwt., rs. 0.0000000000284217094303765625/-; 1/351843725312 cwt., rs. 0.000000000014210854715188125/-; 1/703687450624 cwt., rs. 0.0000000000071054273575940625/-; 1/1407374901248 cwt., rs. 0.00000000000355271367879703125/-; 1/2814749802496 cwt., rs. 0.000000000001776356839398515625/-; 1/5629499604992 cwt., rs. 0.0000000000008881784196992578125/-; 1/11258999209944 cwt., rs. 0.00000000000044408920984962890625/-; 1/22517998419988 cwt., rs. 0.000000000000222044604924814453125/-; 1/45035996839976 cwt., rs. 0.0000000000001110223024624072265625/-; 1/90071993679952 cwt., rs. 0.000000000000055511151231203613125/-; 1/180143987359904 cwt., rs. 0.0000000000000277555756156018565625/-; 1/360287974719808 cwt., rs. 0.000000000000013877787807800928125/-; 1/720575949439616 cwt., rs. 0.00000000000000693889390390046453125/-; 1/1441151898879232 cwt., rs. 0.000000000000003469446951950232265625/-; 1/2882303797758464 cwt., rs. 0.00000000000000173472347597511613125/-; 1/5764607595516928 cwt., rs. 0.000000000000000867361737987558065625/-; 1/11529215191033856 cwt., rs. 0.00000000000000043368086899377903125/-; 1/23058430382067712 cwt., rs. 0.000000000000000216840434496889515625/-; 1/46116860764135424 cwt., rs. 0.000000000000000108420217248444753125/-; 1/92233721528270848 cwt., rs. 0.0000000000000000542101086242223765625/-; 1/184467443056541696 cwt., rs. 0.000000000000000027105054312111188125/-; 1/368934886113083392 cwt., rs. 0.00000000000000001355252715605559453125/-; 1/737869772226166784 cwt., rs. 0.000000000000000006776263578027797265625/-; 1/1475739544452333568 cwt., rs. 0.00000000000000000338813178901389863125/-; 1/2951479088904667136 cwt., rs. 0.000000000000000001694065894506949315625/-; 1/5902958177809334272 cwt., rs. 0.00000000000000000084703294725347465625/-; 1/1180591635561866854 cwt., rs. 0.0000000000000000004235164736267373125/-; 1/2361183271123733708 cwt., rs. 0.00000000000000000021175823681336865625/-; 1/4722366542247467416 cwt., rs. 0.0000000000000000001058791184066843125/-; 1/9444733084494934832 cwt., rs. 0.00000000000000000005293955920334215625/-; 1/1888946616898986916 cwt., rs. 0.0000000000000000000264697796016710765625/-; 1/3777893233797973832 cwt., rs. 0.000000000000000000013234889800835538125/-; 1/7555786467595947664 cwt., rs. 0.00000000000000000000661744490041776915625/-; 1/1511157293519589532 cwt., rs. 0.00000000000000000000330872245020888453125/-; 1/3022314587039179064 cwt., rs. 0.000000000000000000001654361225104442265625/-; 1/6044629174078358132 cwt., rs. 0.00000000000000000000082718061255222113125/-; 1/1208925834815679626 cwt., rs. 0.000000000000000000000413590306276110563125/-; 1/2417851669631359252 cwt., rs. 0.0000000000000000000002067951531380552815625/-; 1/4835703339262718504 cwt., rs. 0.0000000000000000000001033975765690276415625/-; 1/9671406678525437008 cwt., rs. 0.0000000000000000000000516987882845138203125/-; 1/19342813357050874016 cwt., rs. 0.00000000000000000000002584939414225691015625/-; 1/38685626714101748032 cwt., rs. 0.00000000000000000000001292469707112845503125/-; 1/77371253428203496064 cwt., rs. 0.00000000000000000000000646234853556422750625/-; 1/154742506856406992128 cwt., rs. 0.000000000000000000000003231174267782138253125/-; 1/309485013712813984256 cwt., rs. 0.0000000000000000000000016155871338910691265625/-; 1/618970027425627968512 cwt., rs. 0.000000000000000000000000807793566945534563125/-; 1/1237940054851259841024 cwt., rs. 0.0000000000000000000000004038967834727672815625/-; 1/2475880109702519682048 cwt., rs. 0.0000000000000000000000002019483917363836403125/-; 1/4951760219405039364096 cwt., rs. 0.00000000000000000000000010097419586819182015625/-; 1/9903520438810078728192 cwt., rs. 0.00000000000000000000000005048709793409591003125/-; 1/19807040877620157456384 cwt., rs. 0.000000000000000000000000025243548967047755015625/-; 1/39614081755240314912768 cwt., rs. 0.000000000000000000000000012621774483523877503125/-; 1/79228163510480629825536 cwt., rs. 0.0000000000000000000000000063108872417619387515625/-; 1/158456327020961259651072 cwt., rs. 0.0000000000000000000000000031554436208809693753125/-; 1/316912654041922519302144 cwt., rs. 0.00000000000000000000000000157772181044048468765625/-; 1/633825308083845038604288 cwt., rs. 0.0000000000000000000000000007888609052202423438125/-; 1/1267650616167690773008576 cwt., rs. 0.00000000000000000000000000039443045261012117165625/-; 1/2535301232335381546017152 cwt., rs. 0.0000000000000000000000000001972152263050605853125/-; 1/5070602464670763092034304 cwt., rs. 0.00000000000000000000000000009860761315253029265625/-; 1/10141204929341526184068688 cwt., rs. 0.0000000000000000000000000000493038065762651463125/-; 1/20282409858683052368137376 cwt., rs. 0.00000000000000000000000000002465190328813257315625/-; 1/40564819717366104736274752 cwt., rs. 0.00000000000000000000000000001232595164406628653125/-; 1/81129639434732209472549504 cwt., rs. 0.000000000000000000000000000006162975822203313265625/-; 1/16225927886946441894509808 cwt., rs. 0.0000000000000000000000000000030814879111016563125/-; 1/32451855773892883789019616 cwt., rs. 0.00000000000000000000000000000154074395555082815625/-; 1/64903711547785767578039232 cwt., rs. 0.0000000000000000000000000000007703719777752440765625/-; 1/129807423095571535156078464 cwt., rs. 0.000000000000000000000000000000385185988887622038125/-; 1/259614846191143070312156928 cwt., rs. 0.0000000000000000000000000000001925929944438110165625/-; 1/519229692382286140624313856 cwt., rs. 0.000000000000000000000000000000096296497221905508125/-; 1/1038459384764572281248627712 cwt., rs. 0.00000000000000000000000000000004814824861095275403125/-; 1/2076918769529144562497255424 cwt., rs. 0.000000000000000000000000000000024074124305476377015625/-; 1/4153837539058289124994510848 cwt., rs. 0.0000000000000000000000000000000120370621527381885125/-; 1/8307675078116578249989021696 cwt., rs. 0.00000000000000000000000000000000601853107636909425625/-; 1/16615350156233156499890103392 cwt., rs. 0.000000000000000000000000000000003009265538184547125625/-; 1/33230700312466312499890051784 cwt., rs. 0.0000000000000000000000000000000015046327690922735625/-; 1/66461400624932624998900253568 cwt., rs. 0.00000000000000000000000000000000075231638452613678125/-; 1/13292280124986524998900127784 cwt., rs. 0.00000000000000000000000000000000037615819226306839125/-; 1/26584560249973049989000635568 cwt., rs. 0.000000000000000000000000000000000188079096131534195625/-; 1/53169120499865249989000317784 cwt., rs. 0.0000000000000000000000000000000000940395480657673978125/-; 1/106338240998326499890001585568 cwt., rs. 0.000000000000000000000000000000000047019774032888698915625/-; 1/2126764819981632499890000792784 cwt., rs. 0.000000000000000000000000000000000023509887016444349478125/-; 1/4253529639980816499890000396356 cwt., rs. 0.00000000000000000000000000000000001175494350822217473125/-; 1/8507059279979932499890000198178 cwt., rs. 0.000000000000000000000000000000000005877471754111087365625/-; 1/17014118599799664998900000990896 cwt., rs. 0.0000000000000000000000000000000000029387358770555438125/-; 1/34028237199799332499890000495448 cwt., rs. 0.00000000000000000000000000000000000146936793852777195625/-; 1/6805647439979966499890000247792 cwt., rs. 0.000000000000000000000000000000000000734683969263885978125/-; 1/13611294879979933249989000123896 cwt., rs. 0.00000000000000000000000000000000000036734198463194295625/-; 1/2722258975997996649989000061948 cwt., rs. 0.000000000000000000000000000000000000183670972315971478125/-; 1/5444517951997993324998900030948 cwt., rs. 0.0000000000000000000000000000000000000918354861579857365625/-; 1/10889035903997996649989000154744 cwt., rs. 0.000000000000000000000000000000000000045917743078992868125/-; 1/21778071807997993324998900007744 cwt., rs. 0.00000000000000000000000000000000000002295887153949643403125/-; 1/43556143615997996649989000038744 cwt., rs. 0.0000000000000000000000000000000000000114794357697482170625/-; 1/8711228723199799332499890000193744 cwt., rs. 0.00000000000000000000000000000000000000573971788487410853125/-; 1/1742245744639979966499890000096744 cwt., rs. 0.000000000000000000000000000000000000002869858942437054265625/-; 1/348449148927993324998900000483744 cwt., rs. 0.00000000000000000000000000000000000000143492947121852713125/-; 1/696898297855996649989000002418744 cwt., rs. 0.0000000000000000000000000000000000000007174647356092635625/-; 1/13937965957119933249989000012093744 cwt., rs. 0.00000000000000000000000000000000000000035873236780463178125/-; 1/278759319142399664998900000604744 cwt., rs. 0.00000000000000000000000000000000000000017936618390231589125/-; 1/5575186382847993324998900003023744 cwt., rs. 0.00896830919511584465625/-; 1/11150372765695986649989000015118744 cwt., rs. 0.0044841545975579223125/-; 1/22300745531391973324998900000755944 cwt., rs. 0.00224207729877896115625/-; 1/4460149106278394664998900000377944 cwt., rs. 0.001121038649389490578125/-; 1/892029821255678933249989000001889744 cwt., rs. 0.00056051932469474528125/-; 1/1784059642511357866499890000009448744 cwt., rs. 0.0002802596623473726403125/-; 1/35681192850227157324998900000047243744 cwt., rs. 0.000140129831173686320625/-; 1/71362385700454314649989000000236218744 cwt., rs. 0.00700649155868416125625/-; 1/1427247714009086292499890000001181093744 cwt., rs. 0.00350324577933408063125/-; 1/285449542801817258499890000000590546744 cwt., rs. 0.0017516228896670403125/-; 1/5708980856036345168998900000002952733744 cwt., rs. 0.00087581144483352065625/-; 1/1141796171207268784998900000001476366744 cwt., rs. 0.0004379057224167603125/-; 1/22835923424145375689989000000007381833744 cwt., rs. 0.00021895286120838015625/-; 1/45671846848290751379989000000003690916744 cwt., rs. 0.000109476430604190078125/-; 1/913436936965815027599890000000018454583744 cwt., rs. 0.0054738215302095039125/-; 1/182687387393163005519989000000009227291744 cwt., rs. 0.00273691076510475195625/-; 1/3653747747863260027599890000000046136458744 cwt., rs. 0.001368455382552375978125/-; 1/73074954957265200137998900000000230682293744 cwt., rs. 0.00068422776917618895625/-; 1/146149889854531000687998900000001153411468744 cwt., rs. 0.000342113884588094478125/-; 1/292299779709062000343998900000005767057343744 cwt., rs. 0.00017105694229404723125/-; 1/5845995594181240001719989000000028835286718744 cwt., rs. 0.0085528471147023615625/-; 1/11691991188362400008599890000000144176434093744 cwt., rs. 0.00427642355735118078125/-; 1/233839823767248000042998900000000720882170468744 cwt., rs. 0.0021382117

**Iodines.**—Markets: scale of prices for these salts are as follows: Potassium iodide, B.P., one cwt., ls. 3d.; of 10 lbs. 6d.; 14 lbs., gs.; 7 lbs., gs. 9d.; 4 lbs., 1s.; smaller quantities, 1s. 3d. per lb. Sodium iodide, B.P., of 10 lbs., ls. 6d.; 14 lbs., gs.; 7 lbs., 1s.; 4 lbs., 1s. 3d.; smaller quantities, 1s. 6d. per lb. Iodine, crystallized, B.P., one cwt., gs.; of 10 lbs. 3d.; 14 lbs., gs. 9d.; 7 lbs., 1s. 6d.; 4 lbs., 1s. 9d.; smaller quantities, 1s. 6d. per lb. Iodiform, B.P., cryst., precip., or powder, 25 lbs., 1s. 9d.; 14 lbs., 1s. 9d.; 7 lbs., 1s. 9d.; 4 lbs., 1s. 9d.; smaller quantities, 1s. 7d.; 7 lbs. per lb., carriage paid, 1s. 9d., containers free on orders or contracts of not less than one cwt. Rebates: Contracts of five cwt., one cwt., or more for delivery as required during a period of four months subject to the following rebates on completion. Five cwt. pot. iodide, 9d.; other salts, 1d. per lb. ten cwt., per iodide 9d.; other salts, 9d. per lb. Rebate is not allowed at prices below the scale current at the time of resale. All contracts

are subject to reduction clause.

Lactic acid B.P.—A limited inquiry with quoted prices competitive for quantities: quantities in barrels, as 140 lb to 150 lb; in winchesters and barrels as 16 to 18 lb. per barrel, as to quantity.

MATERIALS.—Make scales of pieces for these same conditions at former figures.

Centre	Quoted	Par	November 9	Value of the £
Amsterdam ...	Fl. to £	25·107	7·793	11·101
Berlin ...	Mrs. to £	20·43	15·203	12·111
Brussels ...	Belgas to £	35	11·55	10·101
Copenhagen ...	Kr. to £	13·159	22·40	24·8
Lisbon ...	Esc. to £	110	108·1	10·10
Madrid ...	Pras to £	23·124	37·17	29·102
Milan ...	Lira to £	91·16	59·81	11·126
Montreal ...	Dol. to £	4·887	4·943	20·4
New York ...	Dol. to £	nominal	4·95	20·54
Oslo ...	Kr. to £	13·159	19·30	21·11
Paris ...	Ft. to £	124·21	50·61	21·111
Prague ...	Ks. to £	164·25	12·44	11·116
Stockholm ...	Kr. to £	25·159	19·398	21·111
Warsaw ...	Zloty to £	43·33	22	11·118
Zurich ...	Ft. to £	21·1275	16·20	20·111

Bank rate is set out.

### Pharmaceutical Chemicals, etc.

Except for the daily fluctuations in forward quotations for Continental products conditions in this market continue quite steady, and a very fair volume of business is being done. Bismuth salts have advanced with the metal. Quinine salts are at former rates, but may decline a point if sterling improves a little more.

AMIDOPRYL.—Spot business in small parcels; dealers' forward prices move with exchanges; crystals, two cwt., 2s. 6d.; less than two cwt., 2s. 6d. per lb., with powder 1s. 2d. per lb.

AMMONIUM BENTONITE is steady as quoted from 3s. 4d. to 3s. 6d. per lb., as to quantity.

AMMONIUM ICETHOSULPHONE.—A limited business with the market steady: one cwt. is. 6d. in 14-lb. tins; is. 7d. in 1-lb. tins; is. 10d. in 5-oz. tins, and is. per lb. in 4-oz. tins.

**METHYL SALICYLATE** (B.P.).—The market has remained slow and quoted prices are rather unsteady: one ton and over, 1s. 4½d.; ten cwt., 1s. 5d.; five cwt., 1s. 5½d.; one cwt., 1s. 6d.; less than one cwt., 1s. 6½d.; small quantities in bottles, up to 2s. per lb.

**METHYL SULPHONAL**.—Continental prices continue at the recent reduction, with buyers given the option of purchasing on the basis of gold in French francs or Swiss francs. Based on gold the scale is as follows: two cwt., 12s. 5½d.; one cwt., 12s. 10½d.; 56 lb., 13s. 3½d.; less than 56 lb., 13s. 8½d. per lb., ex warehouse, duty paid. Converted into sterling on a French franc exchange of 81 they work out as follows: two cwt., 1s. 12d.; one cwt., 1s. 8½d.; 56 lb., 20s. 4½d.; less than 56 lb., 21s. per lb.

**PHENACETIN**.—Conditions are not so steady with some cheap offers noted again: crystals, ten cwt., 4s. 1½d.; five cwt., 4s. 3d.; two cwt., 4s. 4½d.; 56 lb., 4s. 6d.; less than 56 lb., 4s. 9d. per lb., carriage paid on minimum cwt. lots. No falling clause on contracts over twelve months.

**PHENAZONE**.—Some price-cutting is noted on spot; business has not been important: crystals, ten cwt., 10s. 6d.; five cwt., 10s. 9d.; two cwt., 11s. 1d.; and less, up to 11s. 6d. per lb., with powder 1d. per lb. extra.

**PHENOLPHTHALEIN**.—Market is steady at makers' agreed figures; business limited: two cwt., 4s. 7d.; one cwt., 4s. 8d.; 28 lb., 4s. 11d.; 14 lb., 5s. 2d.; 7 lb., 5s. 5d.; smaller parcels, up to 5s. 8d. per lb.

**PHENYL ETHYL BARBITURIC**.—Market is irregular and very competitive: small parcels, from 30s. to 32s. per lb., and less for bulk quantities.

**PYROGALLIC ACID**.—Makers' prices are as follows: 56 lb., 7s.; 28 lb., 7s. 3d.; 14 lb., 7s. 9d.; 7 lb., 8s. 6d. per lb., in 7-lb. tins.

**QUININE SALTS**.—Convention prices are unchanged, but are liable to fluctuation with exchange rates: sulphate, 2s.; bisulphate, 2s.; ethyl carbonate, 2s. 7½d.; salicylate, 2s. 8d.; phosphate, 3s.; hydrochloride, 2s. 6½d.; bishydrochloride, 2s. 9½d.; hydrobromide, 2s. 6½d.; bishydrobromide, 2s. 9½d.; valerenate, 3s. 1½d.; hypophosphite, 3s. 4½d.; alkaloid, 2s. 9½d. per oz., carriage paid on bulk quantities.

**SALICYLIC ACID** (B.P.).—Business is limited, home makers' quotations unchanged: one ton, 1s. 7d.; ten cwt., 1s. 7½d.; five cwt., 1s. 8d.; one cwt., 1s. 8½d.; 28 lb., 1s. 9d.; 14 lb., 1s. 10d.; 7 lb., 2s. per lb.

**SANTONIN**.—There is nothing new to report here. Cheap offers from the Continent continue, making the old dollar scale nominal.

**SODIUM BENZOATE** (B.P.).—A steady business is being done at former prices: B.P., 1932 quality, quantities, 1s. 7d.; smaller parcels, up to 1s. 11d. per lb.

**SODIUM DIETHYLBARBITURATE**.—Market is steady and business about average: spot, one cwt., 13s.; 56 lb., 13s. 3d.; 28 lb., 13s. 6d.; 14 lb., 13s. 9d.; 7 lb., 14s.; smaller parcels, up to 15s. per lb.

**SODIUM SALICYLATE** (B.P.).—Quoted prices are maintained with the market dull and rather easy: home trade, powder, two tons, 2s.; one ton, 2s. 0½d.; ten cwt., 2s. 1d.; five cwt., 2s. 2d.; one cwt., 2s. 3d.; 28 lb., 2s. 4d.; 14 lb., 2s. 6d.; 7 lb., 2s. 7½d.; 1 lb., 2s. 8d. per lb., with crystals one penny per lb. extra.

**SULPHONAL**.—Continental prices were recently reduced and put on a gold basis, with buyers given the option of purchasing in French francs or Swiss francs. Based on gold the scale is as follows: crystals, two cwt., 10s.; one cwt., 10s. 5d.; 56 lb., 10s. 7d.; less than 56 lb., 11s. 1d. per lb.; powder, 1½d. gold per lb. extra, ex warehouse, duty paid. Converted into sterling on a French franc exchange of 81 they work out as follows: crystals, two cwt., 15s. 3½d.; one cwt., 15s. 11½d.; 56 lb., 16s. 2½d.; less than 56 lb., 16s. 11½d. per lb.; powder, 2 cwt., 15s. 6d.; one cwt., 16s. 1½d.; 56 lb., 16s. 4½d.; less than 56 lb., 17s. 2d. per lb.

**TARTARIC ACID** (B.P. CRYSTALS).—British makers' quoted price for home trade is fully steady at 1s. 0½d. per lb., less 5 per cent. discount, nominal and without engagement. Dealers are quoting at about competitive prices.

**THEOBROMINE**.—Prices for Continental material continue to be quoted in sterling, ex store, London, as follows: pure, 250 lb., 6s. 6½d.; 100 lb., 6s. 8½d.; 50 lb., 6s. 11d.; less than 50 lb., 7s. 1d. per lb. Sodium salicylate, 250 lb., 6s. 4½d.; 100 lb., 6s. 5½d.; 50 lb., 6s. 6½d.; less than 50 lb., 6s. 7½d. per lb. The former scale of prices f.o.b. is unchanged.

**THYMOL**.—Not much business about; quoted prices unchanged: synthetic, fine white, one cwt., 5s. 1½d.; 56 lb., 5s. 3d.; 28 lb., 5s. 4½d.; 14 lb., 5s. 6d. per lb.; ex ajowan seed, one cwt., 7s. 3d.; 56 lb., 7s. 4½d.; 28 lb., 7s. 6d.; 14 lb., 7s. 9d. per lb.

**ACONITE ROOT**.—Dealers are offering spot supplies of Napellus at 75s. and Japanese at 52s. 6d. per cwt.

**AGAR**.—Market is about unchanged, with only small business passing: spot, Kobe No. 1, 1s. 11d.; No. 2, 1s. 9d.; Yokohama, No. 1, 1s. 9d. per lb.; shipment, Kobe, No. 1, 1s. 8d.; No. 2, 1s. 6d.; Yokohama, No. 1, 1s. 6d. per lb., c.i.f.

**ANTIMONY**.—The market is dull at former rates. Chinese crude, spot, £20 10s.; shipment, £18, c.i.f. Chinese oxide, spot, £28; shipment, £25 10s., c.i.f.

**BELLADONNA**.—Forward is tending rather dearer; good test root to arrive is quoted at about 52s. 6d. per cwt., c.i.f.

**BISMUTH**.—The price of metal was advanced on November 8 from 5s. 3d. to 5s. 6d. per lb. Terms and conditions as before.

**BUCHU**.—Business has been limited to a few bale orders, with values about held. Ovals, good green rounds, about 11d.; yellowish to fair, 8½d. to 9½d.; ovals, 7d. to 7½d. per lb., as to quality.

**CAMPHOR**.—This market is dull, with quoted values discounted by holders of odd parcels: spot, slabs, 2s. 1½d.; flowers, 2s. 3d.; tablets, 2s. 5½d. per lb.; shipment, slabs, 1s. 9½d.; flowers, 1s. 9½d.; tablets, 2s. 0½d. per lb., c.i.f. English refined is quoted unchanged: flowers, one cwt., 3s. 1d.; 28 lb., 3s. 2d.; small lots, 3s. 3d. per lb. Transparent tablets, 4 oz., 8 oz. and 16 oz., 3s. 4d.; 1 oz. and 2 oz., 3s. 5d.; ½ oz., ½ oz. and ¼ oz., 3s. 6d. per lb.; special prices for contracts for quantities.

**CANTHARIDES**.—Some small parcels of Russian flies are available at about 7s. 6d. per lb.

**CARDAMOMS**.—The shipment offers of Aleppy greens are steadier at the recent reduction. Bleached Ceylon on spot are being inquired for and quoted at full prices.

**CASCARA SAGRADA**.—Small spot quantities are mentioned at about 37s. 6d. per cwt.; forward, in bulk, 29s. per cwt., c.i.f.

**CHAMOMILES**.—There is a persistent demand and the market is firm at very high figures. Good white flowers are now up to 275s. and seconds at 250s. per cwt.

**CLOVES**.—Quotations are fractionally lower this week and the market is quiet. Zanzibar, spot, 5½d.; shipment, November-December, 4½d.; January-March, 4½d. per lb., c.i.f. Steadier at the close.

The landings of Zanzibar in London during the week ended October 28 were 100 and the deliveries 222, leaving a stock of 2,694. From January 1 to date, landings of Zanzibar have been 5,626 and the deliveries 4,522. Landings of Madagascar for the week ended October 28 were nil, and the deliveries nil, leaving a stock of 1,000. Landings of Madagascar this year to date have been 58 and the deliveries 214.

**COCOA BUTTER**.—Prime English is quoted at about 8½d. to 9½d. per lb., as to quantity.

**COCONUT (DESICCATED)**.—The market continues steady but there is not much business moving: spot, fine, 16s. 6d.; medium, 16s.; shipment, halves, November-December, 15s. 3d. per cwt., c.i.f.

**COD-LIVER OIL**.—The shipment market for Norwegian continues fully steady and a fair business is reported. Finest Lofoten steam refined non-freezing medicinal oil, 102s. 6d. per barrel, c.i.f. Spot, in small lots, 140s. per barrel, ex store, duty paid. Newfoundland finest non-freezing medicinal oil, 132s. 6d. per barrel, ex store. British oil, non-freezing, finest medicinal quality, is being quoted by the makers at 125s. per barrel, c.i.f. London.

**DIGITALIS LEAVES**.—Dealers are quoting goods to come forward in the region of 67s. 6d. per cwt., c.i.f.

**ERGOT**.—A moderate business is reported, market fully steady: Spanish, 1s. 7½d., c.i.f.; Portuguese, 1s. 6d., c.i.f., and 1s. 8½d., spot, duty paid; Russian, about 1s. 2d. per lb., c.i.f.

**GELATIN**.—A steady business is being done, with dealers' prices maintained: German, gold leaf, 2s. 4d.; silver leaf, 2s. 2d.; bronze leaf, 1s. 11d.; plain label, 1s. 10d. French, gold leaf, 1s. 10d.; silver leaf, 1s. 8d.; bronze leaf, 1s. 6½d. per lb., in cwt. cases.

**GENTIAN**.—Fair supplies of new crop French root are now quoted at 55s. per cwt.

**GINGER**.—The market dealing in West African is slightly easier at 21s. 6d. per cwt., spot. Jamaican continues quite steady and in fair demand at 8s. to 11os. per cwt.

**GUM ACACIA**.—A little more inquiry this week, market quoted unchanged: spot, Kordofan cleaned sorts, 35s.; bleached, 70s. per cwt.; shipment, Kordofan cleaned sorts, 31s.; natural, 30s. per cwt., c.i.f.

**HELLEBORE ROOT**.—Spot supplies of white are quoted at about 45s., and black at 50s. per cwt.

**HENNA LEAVES.**—Shortage of supplies is the feature of this market, with good green leaves fully steady at 35s. per cwt. Other lower qualities, from 32s. per cwt.

**HONEY.**—The demand for this article has been quiet this week, but dealers' prices are steadily maintained. Jamaican, pale amber, 55s.; dark amber liquid, 44s.; dark liquid manufacturing, 42s. per cwt.

**HYDRASTIS.**—The market has been generally quiet this week. Spot, 4s. 9d.; shipment, about 4s. 1½d. per lb., c.i.f.

**IPECACUANHA.**—Spot holders of Matto Grosso are not finding much inquiry, but they are not inclined to reduce their price for Matto Grosso under 4s. 1½d. to 4s. 6d. per lb., as to quantity.

**LIQUORICE ROOT.**—Sicilian decorticated is available on spot, 50s. per cwt. Some Syrian natural root is offering at about 16s. 6d. per cwt.

**LOBELIA HERB.**—The spot value is very steady in the region of 2s. per lb., with supplies short.

**MENTHOL.**—Business has shown little improvement, but the tone is steadier with the firmer quotations from Japan. K/S brands, about 10s. 9d. per lb. and less for bulk quantities; shipment, October-December, 7s. 10½d.; January-March, 7s. 10½d. per lb., c.i.f.

**MERCURY.**—Conditions in this market are reported to be steady with a routine business being done. Shipment is now quoted at 47 dollars per bottle, f.o.b. Continent, and spot from £9 12s. 6d. to £9 17s. 6d. per bottle, ex store.

**OPIUM.**—The shipment market is reported to be much firmer at higher rates, and most shippers have withdrawn their offers. The spot market is nominal.

The reported developments in connection with Turkey and Macedonian opium are that the Turkish Government, in agreement with the Serbian Government, are to monopolise exports as from January 1 next. Up to that date, exports of old crop are to be allowed under special permits, but no shippers have been, or are, allowed to purchase or export this season's opium. In order to help growers pending the coming into force of the monopoly, we are informed that the government has commenced purchases of this season's crop. The government's object in monopolising exports is not only to be able to control them, but also to raise the price to an economic level, fearing that growers will abandon the production at the existing figures.

**ORANGE PEEL.**—There has been a strong demand for bitter quarters with all spot stocks cleared. Forward prices are higher.

**PEPPER.**—Values are about level on the week, with business on the quiet side. Lampung, spot, 4½d.; shipment, November-December, 3½d.; January-March, 3½d., c.i.f. Tellicherry, spot, 5½d.; shipment, January-March, 39s. Aleppy, spot, 4½d.; shipment, January-March, 37s. 6d., c.i.f. White Muntok, spot, 6½d.; shipment, November-December, 5½d.; January-March, 5½d. per lb., c.i.f.

**PIMENTO.**—At the slightly cheaper prices now quoted the market is steady, business fair. Spot, 2½d.; shipment, November-December, 25s. per cwt., c.i.f.

**PSYLLIUM SEED.**—There has been a very fair business on spot in small parcels at about 10d. per lb.

**RHUBARB.**—Some few orders are reported with prices much about the same as former figures.

**RUBBER.**—Values are fractionally dearer on the week, business was good early on, but has since slackened. Standard ribbed smoked sheet, spot, 3½d.; November, 3½d.; December, 4d.; January-March, 4½d.; April-June, 4½d.; July-September, 4½d.; October-December, 4½d. per lb.

**SAFFRON.**—Dealers are doing the usual small spot business at former prices: spot, prime B.P., 50s. 6d.; extra B.P., 50s.; super B.P., 53s. per lb., and slightly less for bulk quantities.

**SARSAPARILLA.**—A moderate spot business has been done with prices keeping steady: spot, native mixed colours, 1s. 1d. to 1s. 2d.; grey Jamaican, 1s. 9d. per lb., as to quantity.

**SEEDS.**—**ANISE.**—Spot, Spanish, 57s. 6d.; Turkish, 42s. 6d., duty paid. **LINSEED.**—Market remains firm. Mazagan, 24s.; Morocco, 21s. **CORIANDER.**—Morocco, 1929, 15s. 6d., spot; 1933 crop, 14s. 6d., in bond; and 16s. 6d., duty paid. Wormy, 14s. to 14s. 6d. **CUMIN.**—Morocco, on spot, 50s., duty paid. For shipment bids of 43s., c.i.f., wanted. No Malta offering. **FENUGREEK.**—Morocco quoted at 13s. **CARAWAY.**—Dutch unchanged, 54s., duty paid. **MUSTARD.**—English, 22s. 6d. to 33s., according to quality.

**SENEGA.**—Although at attractive prices business has remained slow, due, no doubt, to exchange uncertainty. Spot, about 1s. 8d. and less for bulk lots; shipment, about 1s. 6d. per lb., c.i.f.

**Senna.**—The market for good green Tinnevelly leaves continues firm at 9½d. per lb. for best bold quality. No. 1 at 6½d. No. 2 at 4d. No. 3 at 3½d., with some supplies of off-colour available at cheaper prices. Pods remain rather quiet and in view of the good spot supplies few imports of new crop appear to have been made. There has been some important business done in Alexandrian, with a number of parcels of good medium

hand-picked pods changing hands and several large parcels of good manufacturing pods are also reported to have been cleared. These substantial sales should tend to strengthen the market as no further shipments of good sound quality pods are expected this side of the next crop.

**SHELLAC.**—The market is quoted at lower prices but is now firm, business fair. Spot, standard TN orange, 57s. to 62s.; fine orange, 72s. 6d. to 120s.; fine button, 75s. per cwt. For delivery, TN, December, 59s., buyers; March, 55s. 6d. For arrival, TN, November-December, 50s. per cwt., c.i.f.

**SQUILL.**—A shortage of supplies of good white continues with the price steady at about 34s. to 35s. per cwt.

**TRAGACANTH.**—There has been quite a strong demand this week for the lower grades and prices have advanced with dirty reds at 45s. to 60s. Finest white ribbony, druggists' quality, is now very scarce. Medium whites are moving at about £12 10s. to £16. The general tone is steady. The official figures of landings and deliveries are not yet available, but it is understood that deliveries out of warehouse for the month of October were about double the number of packages landed.

**VALERIAN ROOT.**—Dealers are now offering spot supplies of new Belgian root in the region of 50s. per cwt.

**WAX (VARIOUS).**—There is a steady business being done in these products and forward prices tend to be dearer. **CARNAUBA.** fatty grey and chalky grey, 73s. 6d., duty paid, and 67s. 6d. in bond. Shipment offers are restricted, with November-December at 62s. 6d., c.i.f., and December-January at 62s.; c.i.f. **Primeira**, 160s., duty paid, and 145s. in bond, with fair business passing. **Mediana**, 140s. in bond and 132s., c.i.f., with supplies short. **Bers.**—Dar-es-Salaam, 95s., ex store, and 90s., c.i.f. **Abyssinian**, 93s., spot; 82s., c.i.f. **Calcutta**, 115s., spot, and 102s. 6d. per cwt., c.i.f. **Benguella**, 93s., duty paid, and 82s. 6d. per cwt., c.i.f.

#### Essential Oils, etc.

**BUSINESS** seems to have fallen off a little this week after a period of fair activity. Bergamot is dearer forward. Brazilian bois de rose is now very firm on spot. Cassia has been moving on spot at better prices. Java citronella is still an unsatisfactory market. French Guinea orange continues to attract business. Japanese peppermint is quiet but tending steadier at current low figures. Petitgrain is again dearer and very firm. Wormseed is rather easier.

**ALMOND.**—Market is rather quiet but steady. Foreign, cwt. lots, 2s. 4d.; smaller parcels, up to 2s. 7d. per lb. English, cwt. lots, 2s. 6d.; smaller parcels, up to 2s. 8d. per lb.

**ANISE (STAR).**—Market is steady, with business unimportant: spot, "Red Ship," in leads, 1s. 10½d.; in tins, 1s. 8½d.; in drums, 1s. 7½d.; shipment, in leads, 1s. 8½d.; in tins, 1s. 6½d.; in drums, 1s. 6½d. per lb., c.i.f.

**BAY.**—Some occasional small spot business, with prices in the region of 6s. 4d. to 7s. 2d. per lb., as to percentage.

**BERGAMOT.**—The shipment market is reported to be very steady, tending firmer and now at 6s. 9d. to 7s. per lb., c.i.f., for genuine oil. Spot offers are from about 6s. 4d. to 7s. per lb., as to brand and quantity.

**Bois de Rose.**—The spot position is firm, with nothing now offering under at least 4s. 7d. and some holders are wanting 4s. 9d. and higher. Nothing offering for shipment. Some limited spot business reported.

**CAJUPUT.**—Market has been quiet. B.P. 1932 quality, 2s. 1½d. to 2s. 3d. per lb., as to quantity; green, 1s. 10½d. to 2s. per lb.

**CANANGA.**—Values quoted may be rather easier; business slow. Spot, 8s. 2d. to 8s. 4d. per lb.; shipment, 7s. to 7s. 3d. per lb., c.i.f.

**CASSIA.**—Prices are better and the market is steadier. Fair spot business reported with supplies limited. Spot, in leads, 3s. 7½d. to 3s. 8d.; shipment, in drums, 3s.; in leads, 3s. 1½d. per lb., c.i.f.

**CEDARWOOD.**—Prices may be a shade easier on exchange. American, in drums, 1s. 7½d. per lb., and less for bulk quantities. Colonial, in drums, 1s. 5½d.; in tins, 1s. 7½d. per lb.

**CINNAMON LEAF.**—Rather more inquiry this week; market steady. Ceylon oil quoted from 2s. 8½d. to 3s. per lb., as to quantity.

**CITRONELLA.**—Interest in this market is still lacking, with little confidence shown in current cheap prices. Ceylon, spot, in small lots, about 1s. 10½d. per lb.; shipment, 1s. 6d. per lb., c.i.f. Java remains dull. Spot, in small lots, about 2s. 3d.; shipment, about 1s. 7d. per lb., c.i.f.; and less for bulk quantities.

**CLOVE.**—Quoted prices are about maintained; business limited. Madagascar, spot, 3s. 4d. to 3s. 5d.; shipment, about 2s. 9d. per lb., c.i.f.

**EUCALYPTUS.**—A very fair business and the Australian oil continues firm: 70 to 75 per cent., 11½d. to 1s. 0½d.; 80 to 85

per cent., 1s. 0d. to 1s. 1½d. per lb., as to quantity, landed. Spanish, 70 to 75 per cent., 1s. 2d. per lb.

**GERANIUM.**—Algerian to come forward is slightly dearer and firm, working out at fully 24s. 9d. per lb., c.i.f. Bourbon is steady forward, with genuine oil at 21s. 9d. per lb., c.i.f., and spot at about 23s. 9d. per lb., with some oil at much cheaper prices.

**GINGERGRASS.**—Business is still on the small side and the quoted figures of 5s. 4d. to 5s. 6d. per lb., spot, might be shaded for a fair quantity.

**HO (SHUI).**—Dealers report a fair inquiry, with prices in the region of 2s. per lb., as to quality, for drum lots.

**JUNIPER BERRY.**—A moderate inquiry, with prices quoted from 3s. 2d. to 3s. 6d. per lb., as to quantity.

**LAVENDER.**—Buyers are still keeping off the market. Forward prices for genuine new crop French, 38 to 40 per cent., are now in the region of 13s. 6d. to 14s. per lb., landed. Some oil on spot is being put round at cheaper prices.

**LEMON.**—The shipment market for Sicilian genuine hand-pressed is steady at 4s. 1d. to 4s. 3d. per lb., c.i.f., with old oil at rather cheaper figures. Reports from origin suggest prices are likely to advance, but so far business is not of much account. Spot offers are in the region of 3s. 10d. to 4s. 4d. per lb., as to brand. Californian, spot, in large drums, 48 cents; in small drums, 49 cents per lb.

**LEMONGRASS.**—This market has remained quiet, but shipment offers are few and firmly held at 3s. 8d. per lb., c.i.f. What is available on spot is quoted steadily at 4s. per lb.

**LIME.**—There is nothing much moving here, with West Indian distilled to come forward at about 28s., c.i.f. Small spot lots are at about 31s. 6d. per lb.

**MANDARIN.**—Dealers are receiving occasional small spot orders and quoting about 14s. 4d. to 15s. per lb., as to quality.

**NUTMEG.**—Market is steady, but rather quiet. American, about 5s. 9d.; English, about 6s. 3d.; and Continental, about 5s. 6d. per lb.

**ORANGE.**—Practically all the inquiry is for French Guinea oil, which is quoted for shipment at not more than 2s. 6d. per lb., c.i.f., for quantities; spot, in small lots, up to 3s. 6d. per lb. Sicilian sweet seems to be quite neglected, with the forward figure at about 5s. to 5s. 3d. per lb., c.i.f., and at about 5s. to 5s. 6d. per lb., spot, as to brand and quantity. Californian, spot, one case, 61 cents; two or more cases, 56 cents per lb., with some business reported.

**PALMAROSA.**—This article is still very quiet and quoted prices are tending easier. Spot, about 7s. 2d.; shipment, about 6s. 4d. per lb., c.i.f.

**PATCHOULI.**—Some moderate inquiry and quoted prices are being maintained. Spot, 7s. 2d.; shipment, 6s. 6d. per lb., c.i.f.

**PEPPERMINT.**—Although business has remained on the quiet side the general tone is steadier, due to the firmer quotations from Japan. On spot, 3s. 9d.; shipment, October-December, 2s. 8½d. to 2s. 9d.; and the same figures for January-March. Some business in the American natural oil in drums is reported, with prices in the region of 2 dollars 50 cents per lb., c.i.f.

**PETITGRAIN.**—There is practically nothing offering for shipment. The market is again firmer, with single cases now quoted at 4s. 9d. to 4s. 10d. per lb. The occasional cheaper offers seem to have been withdrawn.

**ROSEMARY.**—Market is about steady and business moderate. Finest-quality Spanish, about 1s. 6d. to 1s. 8d. per lb., as to quantity.

**SANDALWOOD.**—English-made West Indian, cwt. lots, 6s. 9d.; 56 lb., 6s. 10½d.; 14 lb., 7s. per lb. Western Australian, B.P., 15s. 3d. per lb., in cases. Genuine East Indian Mysore, 20s. per lb.

**SASSAFRAS.**—Prices vary as to quality on spot from 3s. 6d. to 5s. 3d. per lb., with some small business noted. Artificial oil is quoted at cheaper figures.

**PEPPERMINT.**—Rather more inquiry, with prices on spot steady at 7s. 2d. to 7s. 3d. per lb., as to quantity. Forward varies with exchange.

**SPIKE.**—The market has been quieter and forward prices for best-quality Spanish are not so firm at about 4s. 6d. per lb., c.i.f.

**VETIVERT.**—Some few limited-sized orders have been done. Bourbon on spot is now in the region of 27s. per lb., with about the same figure mentioned for anything offering for shipment. The tone continues firm.

**WINTERGREEN.**—Market is steady, but quiet. Dealers quote from 6s. 9d. to 7s. 3d. per lb., as to quantity.

**WORMSEED.**—Prices tend to be slightly cheaper, with spot at 11s. to 11s. 3d., and shipment at 9s. 9d. to 10s. per lb.

### Fixed Oils, etc.

RATHER dull markets are reported this week, and values in some instances are rather easier. Palm oils have been in quiet demand at slightly cheaper prices. **ACID OILS.**—Prices are barely maintained on the week, market quiet: coconut and/or palm kernel, 17s. 4½d.; groundnut, 16s. 6d.; soya, 15s. 3d., spot. **CASTOR.**—Market is about steady with average business being done: pharmaceutical, 39s.; first pressings, 34s.; second pressings, 31s.; (barrels); cases £4 per ton extra, ex mills, Hull, in not less than one-ton lots; Bombay, 23s. 9d. (drums), c.i.f. **COCONUT.**—Business is on the quiet side, market fairly steady: deodorised, 25s. 4½d. (barrels), spot; Ceylon, 16s. 1½d. (drums), c.i.f. **COTTON.**—A little more business this week with values maintained: deodorised, 23s. 3d.; common edible, 22s. 3d.; soapmaking, 20s. 3d.; crude, 18s. 3d. (barrels), spot. **GROUNDNUT.**—Market is keeping steady, business fair: deodorised, 28s. 6d. (barrels), spot; crude Oriental, 21s. 3d. (drums), c.i.f. **LINSEED (RAW, NAKED).**—The market is fairly steady but quoted at lower values: on spot, 10s. 9d.; November, 18s. 1½d.; November-December, 18s. 3d.; January-April, 18s. 6d.; May-August, 19s. 1½d. Boiled oil, spot, 22s. 6d. **OLIVE.**—Dealers' prices are holding with inquiry moderate: edible, in tins in cases, 70s. per case of ten gallons; B.P., 4s. 6d. per gallon, in 40-gallon barrels. **PALM.**—Quoted prices for most grades are on a slightly lower level; business has been limited: Lagos, 16s. shipment; softs, 15s. 4½d., spot; mediums, 15s. 9d., shipment; hards, 16s. 3d., shipment; bleached, 10s., spot. **PALM KERNEL.**—Market is about steady, business slow: deodorised, 27s. 3d.; crude, 19s. 3d., spot. **RESIN.**—Quoted values are about level on the week, business slow: B, 13s. 3d.; D, 13s. 3d.; F/G, 13s. 9d.; N, 15s. 3d.; W/G, 15s. 6d.; W/W, 15s. 9d. per cwt., ex wharf. **SOYA.**—Values are better this week with the market steady: deodorised, 27s. 3d.; crude, 23s., c.i.f. **TURPENTINE, AMERICAN.**—Quoted prices continue to cheapen with business quiet; total London stocks, 15,007 barrels. On spot, 43s., with the market tending steadier at the close.

## Trade-Mark Applications

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary," 1933, p. 329.

(From "The Trade Marks Journal," October 25, 1933)

- "ARCASCA"; for medicinal cascara (3). "IVESTRON"; for medicated liver extract (3). By Wyleys, Ltd., Wheatley Street, Coventry. 544,492/493.
- "CORZA"; for medicated chocolates (3). By Page & Shaw, Ltd., Bath Road, Hounslow. 544,728.
- "HALMAGON"; for medicinal salts (3) and for unmedicated salts (42). By A. F. Shepherd, 26 Great Ormond Street, London, W.C.1. 544,914/915. (Associated.)
- "BEVAREX"; for a beverage preparation containing malt extract (42). By Edme, Ltd., 122/4 Regent Street, London, W.1. 544,455.
- "WILLIAMS LUXURY"; for shaving cream (48). "WILLIAMS"; for perfumed soap, shaving soap, shaving cream, shaving powder, talc powder, toilet water and tooth-paste (48). By The J. B. Williams Co., Glastonbury, Connecticut, U.S.A. 532,752; 540,304. (Associated.)
- "INDRA"; for all goods (48). By Sharmek Biological Cosmetics, Ltd., 117A Pimlico Road, London, S.W.1. 544,686.
- "APPO"; for perfumery, etc. (48). By Tokalon, Ltd., Chase Road, London, N.W.10. 544,035.

(From "The Trade Marks Journal," November 1, 1933)

- "SEA MAID"; for veterinary cod-liver oil and cod-liver oil compounds (2) and for medicinal cod-liver oil and cod-liver oil compounds (3). By Isaac Spencer & Co., Fleetwood (1929), Ltd., Wyre Dock, Fleetwood. 541,080/081. (Associated.)
- "NASAPINA"; for inhalants (3). By Selpats Carnival Co., Ltd., 24 Borough Road, Sunderland. 544,723.
- "PINOXIC"; for medicinal chemicals (3). By A. H. Myers, 16 Hogarth Road, Earl's Court, London, S.W.5. 544,751.
- "LAXTRA"; for laxative medicines (3). By A. McAuley, 56 Stirling Road, Glasgow, C.4. 544,778.
- "RAYGLOIDS"; for medicinal chemicals (3). "RAYGLO"; for perfumery, etc. (48). By Cupal, Ltd., King Street Bridge, Blackburn. 544,833/861. (Associated.)
- "SEA MAID"; for medicinal chemicals, excluding cod-liver oil and the like (3). By W. H. Lenton, 6 Le Strange Terrace, Hunstanton. 542,759. (Associated.)

# Correspondence

Letters should be written on one side of the paper only. Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

## Oil of Cajuput

SIR.—In the new edition of the British Pharmacopoeia oil of cajuput is required to contain not less than 50, and not more than 60 per cent. w/w of cineole. It is required to be rectified by steam distillation, and consequently should be free from copper. In the British Pharmacopoeia, 1914, a minimum of 45 per cent. (by volume) of cineole was required, this being determined by the phosphoric acid process. As this process gave low and variable results in different hands, the standards of the two pharmacopoeias are not comparable. Rectification increases the proportion of cineole in oil of cajuput, and rectified oils, both imported and home rectified, sometimes contain over 60 per cent. of cineole. Although not conforming to the pharmacopoeial requirements, many of these oils are of high quality, and we think it is desirable that the Pharmacopoeia Commission should recognise this and reconsider the monograph for this oil with a view to raising the maximum limit of cineole to 65 per cent.—Yours faithfully,

C. T. BENNETT,  
T. TUSTING COCKING,  
W. H. SIMMONS.

London, S.W.1.

## An Ambiguity

SIR.—In the new National Formulary (N.H.I.) there is an item which reads:—

Tab. Stann. Co.  
Stann. gr. 1/7  
Stanni Oxid. gr. 0.3

This is not as precise as one could wish nor as it should be with a book of the standing of the Formulary. What stanni oxid. is intended? Opinions appear to differ. In the B.D.H. list it is distinctly stated to be *stannic* oxide; we are of opinion that *stannous* oxide is intended, although no other makers are precise as to what is used in their tablets. We think that attention should be drawn to this ambiguity.—Yours faithfully,

Hove. THE STANDARD TABLET COMPANY.  
P.P. J. C. STEAD.

## Supplying Hucksters

SIR.—On p. 539 of the C. & D. of October 28 a resolution from the Carmarthenshire Branch to the November Conference of N.P.U. delegates appears. This seeks to remedy a grave abnse, and would prohibit suppliers of hucksters from holding office in, or membership of, the N.P.U. Executive. At Swansea, Mr. Mallinson addressed a meeting of the area in support of the Pharmaceutical Publicity Association. He then gave a pledge that equal efforts would be made to counteract huckster and grocer competition in pharmaceutical preparations as was proposed against multiple shop propaganda, on which aspect the Executive, up to then, had concentrated. That pledge was honourably redeemed in the P.P.A. circular of April 25 (p. 2), "Need for Publicity." By that the Executive was definitely committed to endeavour to promote in the public mind the "Buy it in your chemist's" attitude. Until, however, the N.P.U. has cleared its own ranks of all offenders, how can such a campaign be anything but hypocritical, illogical and ineffective? Where is the sense of urging the public to buy from the pharmacist when hucksters and grocers sell pharmaceutical preparations bearing the name of a pharmacist on the labels? . . . The Executive two years ago accepted the principle, but threw the onus of its application on to an apathetic electorate which they well knew would not be allowed to learn the facts. . . . To pharmacists in areas not affected I would appeal for support for the resolution. The problem of huckster goods sold by hucksters is serious enough, but the competition of hucksters selling preparations packed by pharmacists and

with the pharmacist's name on labels is infinitely worse. It will, if not checked, degrade pharmacy to huckster level. A generation is growing up in industrial and rural areas which fails to recognise the distinction now. Before the N.P.U. was formed I was fighting for the recognition of this principle. Time has been lost and pharmacy has suffered during these years. In the past few weeks representative pharmacists have assured me of their acceptance of the principle, but that redress should be by means of the ballot box. How many more years will it take? . . . The pharmacist's turnover of to-day approximates to that of 1914. If more and more of our trade is taken from us, how can it be contended that what is barely sufficient for 10,000 pharmacies can be further shared by 150,000 or 200,000 other traders without disaster? This, too, when the number of entrants into pharmacy is uncontrolled and there is over-exploitation in apprentices. A movement has commenced in Wales which, rightly and wisely guided, may do much to help the real interests of pharmacy. . . . All members in favour of the resolution should endeavour to secure for it the official support of their branches, and also write to Mr. Mallinson personally.—I am, etc., Llanelli.

J. ROSS HENDERSON.

## An Opportunity in Malta

SIR.—The present depreciation of the £ sterling has aroused the Maltese public, as most of the prescribed medicines are of Continental origin, and the prices for such preparations have been increased day by day and has reached incredible levels. There is ample opportunity for intending British firms of introducing their products into this market, now that circumstances are most favourable. The "Buy British" slogan is in full swing, but prescribers fail to find where to apply it, and the public necessarily has to follow suit. I venture to hope than many British manufacturers will be willing to avail themselves of this opportunity to increase their sales; but it must be borne in mind (and this is important) that they should be ready to advertise their products in the local Press.—Yours faithfully,

VALETTA, MALTA.

GEO. MANCHE.

## Old Pharmacy Drawers

SIR.—The drawers in my pharmacy opposite where my customers stand bear inscriptions. Sem. Carui; Fol. Sennæ; Flor. Anthem; Caryoph; Hord. Perlat; Snc. Glyrrh. In a neighbouring grocer's shop the drawers are labelled: Caraway Seeds; Senna; Chamomiles; Cloves; Pearl Barley; Spanish. I have asked a number of people what impression my labels convey, and almost all have said that they look mysterious and learned, and that I must have a good memory. If there is no inspiration from a sales point of view, does the idea of learning, of the esoteric and the occult that is conveyed compensate? Children often talk about the carboys—they ask their parents or me what they contain and why they are there.—I am, etc.,

CARBOY (410).

## A Bouquet from Tasmania

SIR.—I have just had the opportunity of perusing your wonderful Annual Special Issue of June 24. When one considers the months of preparation taken to prepare such a production, and then sees it, one is amazed to find that he is examining a trade journal. The printing of the advertisements, the magnificent front cover, and that splendid reproduction in engraving form of Bell & Co.'s laboratory, to say nothing of the literary work, leaves me a very enthusiastic subscriber. I still possess and often use "The Chemists' Dictionary of Synonyms" that I won in the Diary Competition in 1914. The thing that hurts many of us here is that tariff restrictions prevent us from doing as much business

with the Mother Country as we wish we could do. It is annoying to receive such alluring advertisements as in your Special Issue, and know that the landed cost would make the price prohibitive.—Yours faithfully,

Launceston, Tasmania. FRED T. HOLMES.

### Shop and House

SIR.—One of the changes which has taken place during the last few years has resulted in many chemists living away from their places of business. In pre-war days this was, as far as I remember, an unusual thing. I agree that it is pleasant to close the shop and to feel that one is free until the next morning; but I sometimes wonder if it is worth it, since two sets of premises mean either double rent or extra money invested in property, not to mention additional rates and taxes. My own shop is a lock-up one, but I feel that if the chance came I would prefer a house and shop combined. No doubt a chemist who lives on his premises is often disturbed after closing hours with requests which are not urgent, the customer's assumption being that, in the circumstances, little inconvenience is caused. I think, however, that such disadvantages are balanced by the advantages. On quiet days, for example, a chemist living on the premises could take more time for meals, knowing that if his assistant required him, a touch of a bell would bring him to the counter quickly. (I should certainly want enough house room to ensure that spare stock did not have to be kept anywhere except in a cellar or in cupboards which could be spared.) The advantages to a man working single-handed are still greater. Is this vogue of living away from the shop a sign that chemists of the present day are better able to afford it than were those of years ago?

Yours faithfully,  
PROVINCIAL (9/10).

### Doctors as Traders

SIR.—We hear a great deal about the way in which other traders encroach upon the chemist's trade in selling packed drugs, toilet preparations, etc., but little is said—however much is felt—about the wholesale trading in which so many doctors indulge nowadays. They sell to their patients dressings, surgical instruments and appliances, as well as drugs, in many cases at a cheaper rate than the chemist can afford to do. This competition between chemist and doctor creates a bitter feeling which is most unfortunate; instead of being mutually helpful to each other they are at variance. Can anything be done to bring about a better state of affairs?

Yours, etc.,  
ALOES (6/11).

### Legal Queries

J. B. (3/10).—The inclusion of the words "cut," "bruise," and "pimples" on the leaflet enclosed with your letter renders the article liable to medicine-stamp duty. Further, dutiability is also incurred by the inclusion of the word "healing" in the title "Family Healing Ointment" on the tin.

H. F. S. (23/6).—If the styptic pencil consists entirely of alum without any admixture whatsoever it would be exempt from stamp duty under the exemption covering "entire drugs." On the other hand, should it consist of a mixture, e.g., alum and boric acid, the inclusion of the word "cuts" on the label would render the article liable to medicine-stamp duty.

J. W. (12/10) is about to engage a qualified assistant. What contribution must be paid in respect of him for National Insurance? Are there any restrictions as to the number of hours that he may be employed? [Assuming that the assistant is over twenty-one, for Health and Pensions Insurance, the total weekly contribution is 1s. 6d., of which "J. W." must pay 10d.; for Unemployment Insurance the contribution is 1s. 8d. a week, of which "J. W." pays 10d. The assistant must be allowed his weekly half-holiday and the intervals for meals specified in the Shops Acts, but there is no restriction upon the number of hours that he may be employed if he is above the age of eighteen.]

## Miscellaneous Inquiries

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for, and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them

G. G. H. (3/81).—HAIR CREAM.—A preparation without gum can be made according to the following:

White wax	...	...	...	10
Liquid paraffin	...	...	...	130
Borax	...	...	...	1
Distilled water	...	...	...	15

Heat together the wax and paraffin. Dissolve the borax in warmed water and mix the solutions. It is important that the liquid paraffin should not have too high a viscosity. If the cream is too thick the amount of liquid paraffin may be increased to 150 and even 200 to secure the desired fluidity.

A. M. C. (22/81).—MARKING INK.—An indelible marking ink that does not require to be heated after use can be made from:

Asphalt	...	...	...	1/2 oz.
Spirit varnish	...	...	...	1 1/2 oz.
Oil of turpentine	...	...	...	4 oz.

H. C. D. (20/80).—LANTERN SLIDE VARNISH.—A varnish for lantern slides is made by dissolving:

Gum dammar	...	...	...	25 gr.
in				
Benzene	...	...	...	1 oz.

Another formula being:

Canada balsam	...	...	...	5 parts
Shellac (yellow)	...	...	...	160 parts
Sandarac	...	...	...	170 parts
Alcohol	...	...	...	1,000 parts

G.G.S. (7/11).—The four lines you send concerning dragon's blood are part of a widespread superstition. Other ingredients for working a similar charm are hempseed and salt, the latter to be used every morning for nine days. See V. S. Lean's "Collectanea," Vol. II, Part I.

A. C. C. (20/80).—ARMY PILL.—The formula for Army Pill No. 4, as supplied to the troops during the Great War, was:

Compound tincture of camphor	1/2 gr.
Green extract of hyoscyamus	gr. 1
Ipecacuanha (in powder)	... gr. 1/2

The issue of this pill has been discontinued and the same formula is now supplied in tablet form as "No. 4 Tablet, Cough." (See "Pharmaceutical Formulas," 10th edition, p. 725.)

## Retrospect of Fifty Years Ago

Reprinted from  
"The Chemist and Druggist," November 15, 1883

### Chemists as Mayors

Pharmacy has won its fair share of the mayoralities of the country this year, and from the number of times its representatives get re-elected they seem to do the work uncommonly well. Mr. W. Ballard has been re-elected for the sixth time at Abingdon; at Bolton, Mr. E. G. Harwood, a retired chemist, was re-elected with most flattering recognition of his valuable services. . . . Mr. Alderman Arthur H. Cox, of the well-known pill firm, has been chosen for the third time Mayor of Brighton; Mr. Henry Durden is re-elected for Dorchester; Mr. J. Horsley re-elected for the fourth time for Hartlepool; Mr. F. J. Clarke, of Lincoln, who has in two previous years presided over the Council of that city, is again returned to the mayoralty; Mr. H. Henley is re-elected for Lyme Regis, this making the sixth year he has served; and Mr. H. D. Simpson has again been chosen for Louth, where he was Mayor during two years. . . .

# BURGOYNE'S

## ASPIRIN TABLETS

COMPLY WITH THE MOST  
STRINGENT TESTS

We solicit enquiries for any quantity

1,000 to 1,000,000

Samples and quotations will be  
gladly supplied for either bulk  
quantities or packed in bottles of

25, 50, 100

for which a variety of labels and  
cartons are available.

SPECIAL "PACK" LABEL AND CARTON TO  
BUYER'S REQUIREMENTS

**BURGOYNE**  
BURBIDGES & CO. LTD.  
LONDON E

Manufacturers of Pharmaceuticals since 1741



# LICORICE of ABSOLUTE PURITY

"APOLLO" brand is the concentrated extract of carefully selected licorice root grown on the fertile plains of Anatolia. It is manufactured in the district where the root is cultivated.

It contains an unusually high percentage of glycerin, thereby enhancing its pharmaceutical value.

It is made under hygienic conditions. It is smooth to the tongue and free from grit and other impurities.

It will not get sticky or lose its shape under any conditions of climate.

An article of this high grade will do credit to the chemist who stocks it.

Packed with bay leaves in 4-lb. cartons, 28 in a case. No charge for bay leaves or packing.

Stocked by the leading Wholesale Houses, or if unobtainable write to :

MACANDREWS & FORBES, Ltd., Bush House, Aldwych, London, W.C.2

Established 1857

Tel. Address : "Macforbes, Strand, London."

Tel. No. : Temple Bar 5392

(Private Branch Exchange)

# QUININE } and QUINIDINE CINCHONINE CINCHONIDINE } SALTS

Sugar-coated Quinine Tablets and Pills.

Gelatine-coated Oval Pills.

BANDOENG JAVA BANDOENG QUININE FACTORIES AMSTERDAM  
De Wittenkade 48-50.

Telegrams : "Kininefabriek Bandoeng." Samples, prices and particulars on application. Telegrams : "Semadmy Amsterdam."

Roura & Forgas

14 SEETHING LANE, GT. TOWER ST.  
LONDON, E.C.3

QUICKSILVER

*Send your Enquiries to the*

*Sole Importing Buyers  
for the World*

*of MINAS de ALMADEN, MADRID. MONTE AMIATA, S.A.M. ROME  
R. MINIERA di IDRIA, TRIESTE. STABILIMENTO MINERARIO Del SIELE, LEGHORN  
SOCIETA MERCURIFERA ITALIANA, ROME*

**May we quote you for—  
GLAUBER SALTS B.P.**

Pea Crystal and Feathery

**EPSOM SALTS B.P.**

Needle Crystals, Medium, Exsiccated

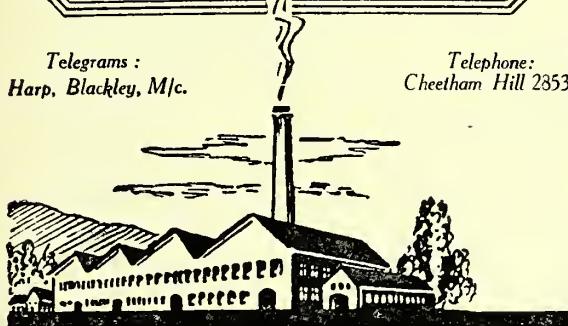
All grades conform to the new 1932 B.P. Standard  
Special Crystals matched and any degree of exsiccation  
to order. Packed for Home and Export.

**LIQUOR FERRI PERCHLOR FORT. B.P.**

**HARRIS, HART & Co. Ltd.**  
MOSS HOUSE CHEMICAL WORKS, BLACKLEY,  
MANCHESTER.

Telegrams :  
Harp, Blackley, M/c.

Telephone :  
Cheetham Hill 2853



# Glycerine

We Supply ALL Grades for

PHARMACEUTICAL and  
MEDICINAL PURPOSES

MAY WE HAVE YOUR ENQUIRIES?

**GLYCERINE LTD.** UNILEVER HOUSE, BLACKFRIARS,  
LONDON, E.C.4

Telephone : CENTRAL 7474.

GET.21-256 Telegrams : "GLYMOI, LUD, LONDON."

THE  
**CHEMIST & DRUGGIST  
SUPPLEMENT**

is an infallible help when you want  
to buy or sell a business, secure an  
agency, an assistant or a situation, or  
SELL SURPLUS STOCKS

*The TARIFF is printed on the front cover  
of the COLOURED SUPPLEMENT*

*Address all inquiries to :—*

The Publisher : THE CHEMIST AND DRUGGIST,  
28 ESSEX STREET, LONDON, W.C.2

# Alkaloids

FINE CHEMICALS AND  
OPIUM DERIVATIVES

**Aloin • Atropine • Bismuth Salts**

**Caffeine • Cantharidin • Capsicin**

**Chloroform • Chrysarobin • Codeine**

**Diamorphine • Emp. Canth. Liq.**

**Ephedrine • Ergotin • Eserine**

**Ethylmorphine • Gingerine**

**Hyoscyamine • Jalap Resin**

**Leptandrin • Morphine • Opium**

**Podophyllin Resin • Sallcin**

**Santonin • Scammony Resin**

**Strychnine • Veratrine and other**

**Pharmaceutical Chemicals and**

**Preparations**

Goods covered by Dangerous Drugs Acts  
offered subject to all regulations

**T. & H. Smith  
Ltd**

**25 CHRISTOPHER ST., LONDON, E.C.2**

Blandfield Works, Edinburgh, 32-34 Virginia St., Glasgow.

# PLAIMAR

## SANDALWOOD OIL

B.P. and French Codex  
DISTILLED BY PLAIMAR LTD., PERTH, W.A.

European Agents **MAXWELL, PLAISTOWE** & Co. Limited  
22a College Hill, Cannon Street, London, E.C.4  
Paris Address: Etbs, Plaistowe, 11 bis, Rue Volney

Telephone: Central 5859  
Telegrams and Cables: Azucena, London

Codes: A B C,  
5th & 6th editions, and Bentley's

GUARANTEED  
ONLY IF THIS  
SEAL IS INTACT  
BEFORE OPENING

THE REGISTERED TRADE MARK OF  
PLAIMAR LTD IS A GUARANTEE  
OF THE PURITY OF THE CONTENTS  
OF THIS CONTAINER

LOOK FOR THIS SEAL—IT IS YOUR

GUARANTEE OF QUALITY



**A. & M. ZIMMERMANN**  
Petri Bros. Ltd. Proprietors

CHEMICALS  
Pharmaceutical  
Technical  
Chlorophyll  
all  
Grades

ZIMMERMANN'S  
DRUGS  
COTTONSEED OILS  
LIVER OIL  
Medicinal  
and Cattle  
Marseilles Soap

3 LLOYDS AVENUE  
LONDON. E.C.3

**HARKNESS, BEAUMONT**  
& CO., LTD.

Wholesale and Export Druggists,  
Malt Extract Manufacturers.

JUNCTION BRIDGE WORKS, LEITH.

Manufacturers of all kinds of Malt Products, Lacto-maltine, Sunray Malt and Malt and Oil, Strenthol Vitamin Malt, Kem-Malt (Malt Extract with Parrish's Food), Kem-Malt and Oil (Malt and Oil with Parrish's Food), Bonum Irradiated Emulsion, Bonum Cod Liver Oil Emulsion, Sunray Vitamin Cream, Liquid Extract of Malt, Special Liquid Cascara, Cascara Cordial, Sunray and Lucca Cream Olive Oils, and General Packed Specialties.

Telegrams: "Mercury" Edinburgh. Telephone: Leith 1326-1328

Chemische Fabrik  
**JOH. A. BENCKISER, G.m.b.H.**, LUDWIGSHAFEN-ON-RHINE

**TARTARIC ACID** IN POWDER CRYSTALS and GRANULATED

GUARANTEED IN STRICT ACCORDANCE WITH B.P.'32

**ACID PYROPHOSPHATE OF SODA**

Quality in all respects equal to Cream of Tartar, especially as regards stability of Baking Powder

Your Wholesale House  
can supply



TRADE MARK "STYPTICIN" BRAND  
COTARINE HYDROCHLORIDE



An active campaign to the  
Medical Profession, and the  
interest thus created, justifies  
your stocking this  
profitable line.

**E. MERCK**

**DARMSTADT**

CHEMICAL WORKS

Samples and Literature sent on request to Medical Practitioners

**H. R. NAPP LIMITED,**

3 & 4, Clements Inn, LONDON W. C. 2 (Sole Concessionaires for the U.K. and Irish Free State)

# CORNER'S OILS

The GREAT remedy for  
Accidents and Animal Ailments.

Protected Retail Price - - - 2/9 per bottle.

Wholesale - - - - - 24/- per doz.

P.A.T.A. Nett 1 month.

Carriage Paid on 3 dozen Lots.

EVANS, GADD & CO., LTD., having the  
sole proprietary rights in the above excellent  
and well-known article, are prepared to appoint  
Agents on liberal Terms.

For Window Show Terms, apply to

**EVANS, GADD & CO., LTD.**

REDCLIFF STREET, BRISTOL, and FORE STREET, EXETER.

Telephone: Bristol 20358, 20359.  
" Exeter 2278, 2279.

Telegrams: Gadd, Bristol.  
" Gadd, Exeter.



# Hubbuck's Pure Oxide of Zinc

is made by sublimation, and is warranted to contain upwards of

**99.9 PER CENT.**

of pure oxide; in fact, the impurities are not traceable

**Thos. Hubbuck & Son, Ltd.**

ESTABLISHED 1765

**24 Lime Street, London, E.C.3**

MANUFACTURERS OF WHITE LEAD, WHITE ZINC, PAINT OILS, COLOURS, VARNISHES, &c.

Australian Office: 34 Queen Street, Melbourne.

*Sold by the following Wholesale Druggists  
in Boxes of 7 lb. and 14 lb. stamped by  
the Manufacturers: also in 1-lb. Boxes  
and 1-lb. Glass Bottles:*

Allen & Hanburys, Ltd.  
Ayrton, Sutcliffe & Co., Ltd.  
Bell, Jones, & Croydon  
Bell, John, Hills & Lucas,  
Ltd.  
Bleasdale, Ltd.  
Boots Pure Drug Co., Ltd.  
British Drug Houses, Ltd.  
Brook, Parker & Co., Ltd.  
Burgoyne, Burghiges & Co.,  
Ltd.  
Butler & Crispe, Ltd.  
Cockburn & Co., Ltd.  
Dakin Brothers  
Duncan, Flockhart & Co.  
Evans, Glyn & Co., Ltd.  
Evans, Son & Lescles & Webb,  
Ltd.  
Ferris & Co.  
Gale & Co.  
Glasgow New Apothecaries  
Co.  
Goodall, Backhouse & Co.,  
C. J. Harker, Stagg &  
Morgan, Ltd.  
Harkness, Beaumont & Co.,  
Ltd.  
Hastick, W. R. & Co.  
Hirst, Brooke & Hirst

Hedgkinson, Prestons & King  
Horner, L. A., & Sons  
Huskinson, H. O., & Co.  
Loftthouse & Saltmer, Ltd.  
Mackay, Jno., & Co., Ltd.  
May, Roberts & Co., Ltd.  
Oldfield, Pattinson & Co.  
Pinkerton, Gibson & Co., Ltd.  
Potter & Clarke, Ltd.  
Paines & Co.  
Paines, Clark & Co., Ltd.  
Bankin & Borland  
Silversides, R. H. G.  
Smith, T. & H., Ltd.  
South, Bros. & Barclay,  
Ltd.  
Summer, R. & Co.  
Taylor, Jas. (Trongate), Ltd.  
Thompson, John, Ltd.  
Wilkinson & Simpson, Ltd.  
Willows, Francis, Butler &  
Thompson, Ltd.  
Woolley, Jas., Sons & Co.,  
Ltd.  
Wright, Layman & Umney,  
Ltd.  
Wyleys (Lim.)

Barry, E. J., New York  
Finlay Dicks & Co., New  
Orleans  
E. Fougera & Co.,  
90-92, Beekman Street,  
New York  
Chas. L. Hulking & Co., Inc.,  
155, Varick St., New York  
Lohn & Fink, Inc., N. York  
McKeown & Rohms, Inc.,  
New York

Muth Brothers & Co., Balti-  
more  
Palmers, Ltd., Montreal  
S. B. Penick & Co., Inc.,  
New York  
Rohm & Shoemaker, Phila-  
delphia  
Schieffelin & Co., Inc., New  
York  
Shoemaker & Busch, Phila-  
delphia

**VISCOSITY**  
is the true quality  
test of  
**LIQUID PARAFFIN**

Our article answers fully to the requirements of the B.P. 1932.

Quality  
Counts!

**FRANCIS F. FOX & CO. LTD.**  
BRISTOL AND BIRMINGHAM Est over 100 Years

THE . . . .  
**DISCRIMINATING PHARMACIST**  
always uses  
**WESSANENS**  
**PRIME CACAO BUTTER**

It is unequalled for the preparation of suppositories, pessaries, bougies, emollient ointments, etc.

Being free from adulterants and having a low melting point it can be relied on for all pharmaceutical purposes.

:: KEENLY COMPETITIVE IN PRICE ::

Your usual wholesaler can supply or you can get direct quotations from

**A. PRESCOTT**  
12 Broom Lane, Broughton Park, MANCHESTER

# BURNSIDE'S AUSTRALIAN EUCALYPTUS OIL

(Shipped by W. K. BURNSIDE PTY., LTD., 34/36 JEFFCOTT STREET, MELBOURNE)

ALL B.P. GRADES

70/75% B.P.

A specially rectified Oil of  
high and very uniform Quality

All Grades can be relied upon to be Constant in Quality,

15 PHILPOT LANE  
LONDON, E.C.3

Packed in Cases and Drums

STOCKS IN LONDON

AGENTS FOR U.K.  
**WILSON & MANSFIELD, Ltd.**

WHOLESALE ONLY

80/85% B.P.

Distilled from E. POLYBRACHTEA  
The finest B.P. Oil obtainable

Odour and Colour

Phone: ROYAL 4561/3

Grams: WYFIELD, LONDON

BUY FROM THE MANUFACTURERS AND SAVE MONEY

# Dania

**BRAND**

Dania Brand Sulphur Candles are made with the finest Sulphur and are free from Arsenic and Selenium. They light easily and burn safely and freely. Quotation will be sent on receipt of trade enquiry for any quantity, large or small.

## SULPHUR CANDLES

Made in two sizes, nominal  $\frac{1}{2}$  lb. and 1 lb.

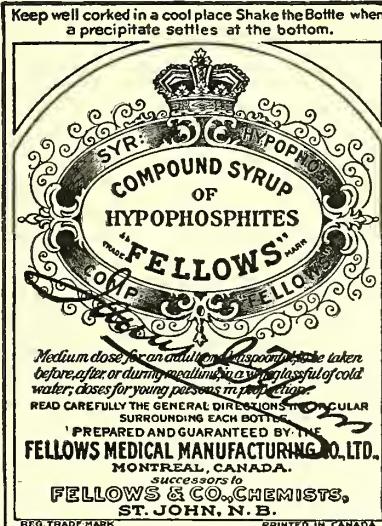
**RICHARD DANIEL & SON, LIMITED**

Phone + Derby 2222 (3 lines) + Grams + Dania, Derby + MANSFIELD Rd. DERBY +

Manufacturers to the Trade.

Pharmacists will best serve their interests by selling the  
**FINEST PREPARATION OF ITS KIND MADE**

Its  
Composition  
and  
Efficacy  
Guaranteed  
by  
"FELLOWS"



Profits  
Guaranteed  
by the  
P. A. T. A.

PRICE: Large Bottle, 7/-. Small Bottle, 4/-.

**FELLOWS MEDICAL MFG. CO., Ltd., Montreal, Canada**

Technical White & Half-White Oils

Pharmaceutical Petroleum Jellies

SLL

**MEDICINAL LIQUID PARAFFIN B.P.**

SILVERTOWN LUBRICANTS LIMITED,  
MINOCO WHARF,  
WEST SILVERTOWN, LONDON, E16.

Tel.: ALBERT DOCK 1074 (5 lines)

Grams.: VOLUMETRIC SILVER

## The Astounding "Repeat" Business of HERBARAS

### FACTS THAT WILL INTEREST YOU

stimulated by our educational advertising has exceeded expectations • in 3 months only, Trade "Repeat" business has increased by 823%! • The Herbaras treatment is the emollient action of seeds of a selected plantago type • It is being increasingly prescribed and recommended by the Medical and Nursing professions. • THE GOODWILL OF EVERY LOCAL ORDER IS HANDED OVER TO THE LOCAL CHEMIST.

P.A.T.A.  
TERMS

1/9 (1 lb. packet) - - 15/9 per doz.  
3/- (1/2 lb. " ) - - 27/- " "  
5/- (1 lb. " ) - - 45/- " "  
9/6 (2 lb. " ) - - 85/6 " "

All orders over £1 NETT sent Carriage Paid.  
Counter or Window Display Terms on application.

C.D. CLYDE HOUSE,  
489a Oxford Street,  
LONDON, W.1.

JOHN W. LONGMAN LTD. *Overseas Produce  
Merchants & Importers*

BEE-HIVE  
TRADE MARK

REGISTERED FOR OUR  
WELL-KNOWN BRANDS  
OF CERESINE WAXES

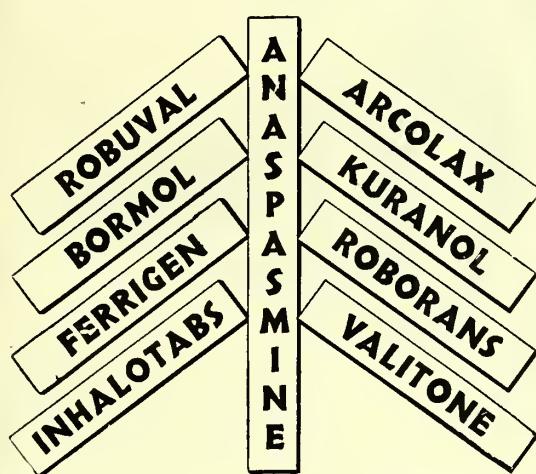
**CERESINE WAX**

WHITE BLEACHED CARNAUBA WAX VARIOUS GRADES AND RESIDUE  
BEESWAX WHITE, YELLOW AND COMPOSITION PARAFFIN WAX ALL MELTING POINTS  
OZOKERITE WAX ALL GRADES

**POTH, HILLE & CO., LTD.**  
6 Lloyd's Avenue, London, E.C. 3

Works at Stratford, E.

## PRESCRIBED LINES



Manufactured and Advertised  
to the Medical Profession by

**ROBERTS and CO.**

*Pharmacien to H.M. The King*

**76 New Bond Street, London, W.1**

*and at Paris*

*'Phone: Mayfair 4173*

*'Grams: Parilond, London*

**"ENDRINE" FREE GOODS OFFER**  
(REGD.)

October 18th to November 18th, 1933



- 4 bottles free with  
1 dozen order
- 2 bottles free with  
 $\frac{1}{2}$  dozen order
- 1 bottle free with  
 $\frac{1}{4}$  dozen order

**RETAILS AT**  
**2s. 6d.**

"Endrine" nasal compound is a new and effective preparation for colds, coughs and catarrh.

**PETROLAGAR LABORATORIES LTD.,**  
Braydon Road, London, N.16.



Two of the new  
attractive  
showcards.

Now is the time to order "Thermogene" at generous Bonus Terms. You can make up to 35% on your Selling price on best Window Display Terms. "Thermogene" always presents a good opportunity for profit taking. It is a sure seller backed by extensive advertising and first-class display material.

Send for some of the new showcards.



**The Thermogene Co.,**  
160 Piccadilly,  
London, W.1.





*Its use does not lead to habit*

COMPOSED OF EXTRACT OF THE INTESTINAL GLANDS, BILIARY EXTRACT,  
AGAR-AGAR, AND LACTIC FERMENTS.

**DISPLAY TAXOL on your Counter**  
FROM ALL WHOLESALERS

**CONTINENTAL LABORATORIES, Ltd., 30 Marsham Street, London, S.W.1**  
VICTORIA 2041; AND TELEGRAPHIC ADDRESS: "TAXOLABS, SOWEST, LONDON"

**PARAFFINUM LIQUIDUM B.  
P.**  
**EXTRA HIGH VISCOSITY**

HOLROYD'S OIL & CERESINE CO., LTD.  
3 New London St., London, E.C.3. Phone: 3295 Royal.  
Wires: Errikotroy Fen.

**PHOSPHATE OF SODA, Pure**  
For Food Purposes  
ASK FOR SAMPLE AND PRICES

**PERRY & HOPE, LTD.**  
Forth and Clyde Chemical Works, NITSHILL  
Telephone: Giffnock 414 (2 lines). Telegrams: "Perryope, Nitshill."

**SACCHARIN**

Regular deliveries . . . 450-500-550  
**SAVANIL, Lyons, France.**

DR. JAILLET'S

**Pepto-Fer** DIGESTIVE AND  
INVIGORATING TONIC

for use in

Digestive Anaemia.  
Anaemia of Respiratory Origin.  
Consumptive Anaemia.

Fifty years' success permits us to affirm that Pepto-Fer gives excellent results in all cases of anaemia particularly in hot climates.

Anaemia of Convalescence.  
Anaemia due to Mental or Physical Overwork.  
Anaemia contracted in hot climates.

*All enquiries to—*

**ETABLISSEMENTS DARRASSE FRÈRES, 13 rue Pavée, PARIS IV**

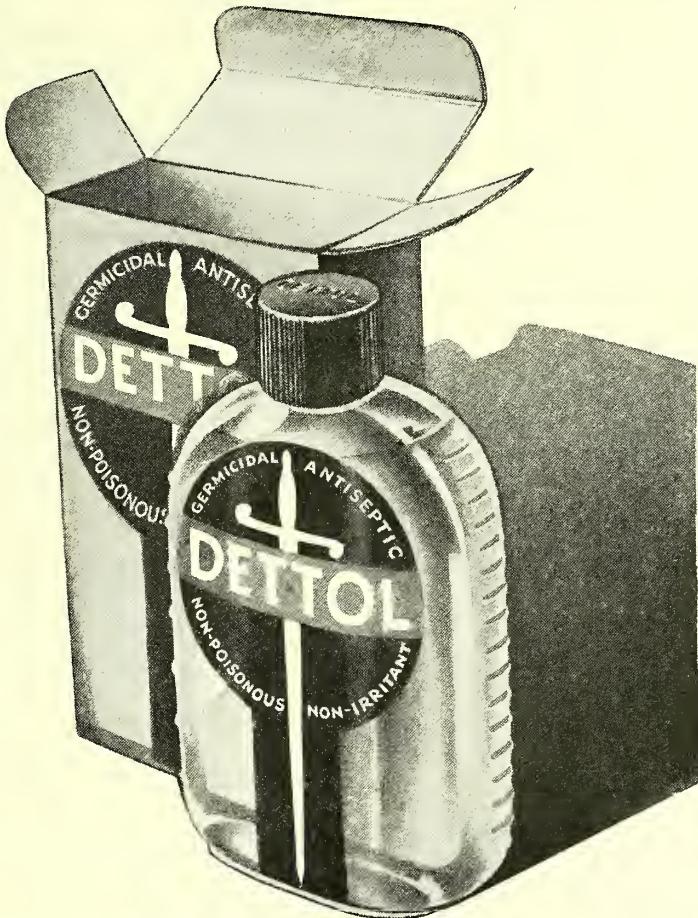
# FOUNDED..

## A remarkable germicide

*Deadly to germs — harmless to tissue*

A new germicide has been found. A long-standing problem has been solved—the problem of securing high germicidal efficiency without toxic or irritant action on tissue.

This new, safe germicide—a halogen derivative of Xylenol—has been given the brand name 'Dettol.' The Rideal-Walker test proves 'Dettol' to be three times more efficient than phenol, or half as strong again as B.P. solution of cresols with soap. Yet 'Dettol' is non-toxic even at full concentration. It is non-irritant, harmless to tissue, non-staining to linen and the skin. It is a clean, clear fluid, pleasantly deodorant, agreeable to use.



**'DETTOL'**  
TRADE MARK  
THE NEW SAFE GERMICIDE

'DETTOL'—most attractive in appearance and packing—sells at a reasonable price—4 ozs. for 1/-

**W.B.DICK & CO. LTD**



BY APPOINTMENT TO H.M. THE KING

**PARAFFINUM LIQUIDUM B.P.**  
ALL SPECIFIC GRAVITIES GUARANTEED TO REMAIN BRIGHT AT 0°C.

**B.P. WHITE & YELLOW PETROLEUM JELLIES**

**WHITE AND HALF WHITE OILS**

SEND FOR SAMPLES AND QUOTATIONS (WHOLESALE ONLY)

26 GROSVENOR GARDENS, LONDON, S.W.1  
Telephone Sloane 361x (7 lines)  
Telegrams "Dicotto, Phone, London."

GLASGOW, LIVERPOOL, "NEWCASTLE,  
CARDIFF AND NEW YORK.

## RIVISTA ITALIANA DELLE ESSENZE E PROFUMI

(Affiliated to the Technical Press Association)

FIFTEENTH YEAR OF PUBLICATION

Official Organ of the Group of Producers of Aromatic  
Substances of the National Fascist Federation of Chemical  
and Allied Industries.

Director : - - - - Dr. EMMA FENAROLI

Editorial Offices : - - - - VIA S. VINCENZO N.38 MILAN

Telephone : 31 216-C.P.850

Producers of Aromatic Substances for Perfumery—Manufacturers of Articles used in the Perfumery Trade—This is the Periodical in which to Advertise effectively in Italy.

**MAKE USE OF ITS ADVANTAGES**

SAMPLE COPY AND TARIFF ON REQUEST

# 4 HOUSEHOLD NAMES THAT ARE HOUSEHOLD NEEDS!



THE TRUE TONIC FOOD

**SANATOGEN**



WULFING BRAND

**FORMAMINT**



**GENASPRIN**

THE SAFE  
BRAND OF ASPIRIN



**GENOZO**  
BRAND  
TOOTH PASTE

It always pays to push these Genatosan lines. No products have a better reputation with the public for doing exactly what is claimed for them. And consistent advertising is constantly increasing an already great demand. Doctors prescribe them because they know they are trustworthy. Display them well and they will sell themselves.

Your profit on each line is really generous, particularly if you buy them on Direct Cash Terms.

If you have not yet taken advantage of these special terms, write to us for full details—they will be forwarded on return.

# **GENATOSAN**

LIMITED  
LOUGHBOROUGH, + LEICESTERSHIRE

Telephone : Loughborough 292. Telegrams : "Genatosan, Loughborough."

# SALES GO ON INCREASING!

Chemists who stock Snowfire Glycerine Jelly know that they're stocking a real best seller. Women everywhere have taken to Snowfire Glycerine Jelly with great enthusiasm. They have found there's nothing to equal it for keeping their hands soft and white and to banish all traces of the ravages of housework. They recommend it to their friends and sales go on increasing. Make special displays and reap your share of the demand.

## Snowfire GLYCERINE JELLY (Vanishing)

### SNOWFIRE TABLET AND SOFT SNOWFIRE

are always sure of a brisk demand for use at night.  
Made by F. W. Hampshire & Co. Ltd  
Sunnydale Works, Derby.

Agents: Canada Australia  
Wilfred Noble & Co., Messrs. Salmond & Spraggon  
208 Victoria St., Toronto. (Australia) Ltd., 218 Kent  
St., Sydney, N.S.W.

## THIS HOUSEHOLD REMEDY HAS A BIG SALE

## Cephos

Pronounced *Seefoss* REGD  
THE PHYSICIAN'S REMEDY

Retails at  
1/3 and 3/-  
in powders  
or tablets

Single  
Powders  
2d. each

For  
HEADACHE  
RHEUMATISM  
NEURALGIA  
LUMBAGO  
SCIATICA  
AND SUMMER  
COLDS

from your  
usual  
wholesaler  
or write  
direct

### SHOWCARDS & DISPLAY MATTER

Sent upon application to Cephos Ltd., Blackburn,  
whether you obtain supplies from us or elsewhere.

*Cephos Ltd. Blackburn*

## SOUTH AFRICA

is an Important and Growing  
Market for British Products

### LENNONS,

the Old Established Chemists, cover the whole of the Country. They have Efficient Wholesale Facilities for Intensive Distribution and Distinctive Retails in the Important Towns



Those who wish to exploit the Market or increase their present business should write the London Office:—

LENNON LIMITED,  
12/14 LAFONE STREET,  
LONDON, S.E.1

## OPENING A PHARMACY

We are pleased at any time to make arrangements from our Exeter Offices for opening orders.

To all those, however, who are near London, and will be in the City for the purchase of fittings, chemicals, drugs, stock, etc., we extend a hearty invitation to our London Office (29, Farringdon Street, E.C.4), where there is a fine assortment of samples, and where details of orders, large or small, can be discussed and settled.

Perhaps we may be permitted to add that as the best labels are worth while we supply them.

JAMES TOWNSEND & SONS.

EXETER Trunk Calls  
3965.

LONDON Calls  
Central 8426.

**ETHER - SOLUBLE - TAR - PASTE**

ANTISEPTIC — EMOLlient — NON-STAINING

**"E.S.T.P."**

SPECIALLY INDICATED IN ECZEMAS

In 1-oz., 4-oz., 8-oz. pots, and special hospital packings

**W. MARTINDALE, 12 NEW CAVENDISH STREET,  
LONDON W.1****FOR SKIN AFFECTIONS****Paraffinum  
Liquidum****ALL GRADES B.P.  
SAMPLES & PRICES**

On application to —

**STERNS LTD****16 Finsbury Square London E.C.2**Telephone : National 7644 (7 lines).  
Telegrams : "Centumvir, Phone, London."

WHOLESALE ONLY



**The 'MILLETT'  
ATOMISER**  
BRITISH MADE

THE clock is put back—  
winter, the time of fogs,  
colds, rain, and illness comes  
on with the shortening days  
... but the days of winter can  
be days of profit for you.

Most people today believe that prevention is better than cure ... sell them "Millett" Atomisers which possess unique advantages. Look at the illustrations above, note the points, then sell the public a preventative against illness, in the form of "Millett" Atomisers. "Millett" Atomisers require only one hand for use, the contents will not spill in any position.

The fluid is carried in a liberal glass bulb, and any type of liquid is perfectly atomised. All metal parts are chromium plated, and only the best rubber and glass is used. You cannot obtain a better atomiser at any price.

MODEL "N" for throat and nose use. Easily sterilised by unscrewing the glass vessel from the base.

MODEL "U" for general and nasal use.

*It is only necessary to put the exact dose into the atomiser.*

Trade terms—List less 33½%.

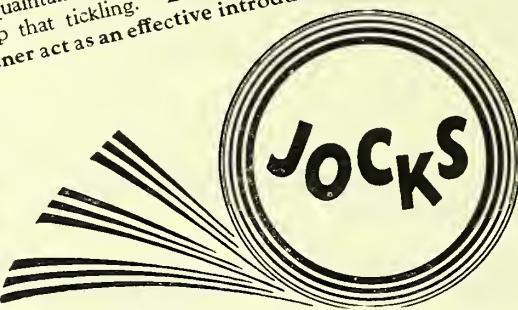
**Atomisers**  
LIMITED

13 GREAT PULTENEY STREET,  
LONDON, W.1 Telephone : Gerrard 1054

PROPRIETORS OF THE "MILLETT" ATOMISER PATENTS  
MAKERS OF FINE SPRAYERS AND ATOMISERS



A roaring east wind means a roaring trade in JOCKS. This winter, thousands of people will make the acquaintance of JOCKS and their catchy slogan "Stop that tickling." Let this new display container act as an effective introduction.



Retailing at 3d. per tin, they are just the line to keep you busy. Priced at 2/3 per doz. tins. Sample on application to

**HIRST, BROOKE & HIRST, LTD.**

*Manufacturing Chemists, SHEEPSCAR WORKS, LEEDS*

# INTESTINAL WORMS

Two new Vermicides, which have proved effective in the treatment of tape worms and other intestinal worms are now available as follows:

**PYMOSEL (TAENIA)**  
for tape worms

**PYMOSEL Granules**  
for all other worms

The literature available for the medical profession will be sent on request to the sole distributors in Great Britain.

**HARWOODS (CHEMISTS) LTD**  
Rickmansworth Road : Watford

## ARCHANIUM

RECOGNISED BY MANY  
DOCTORS AS THE

BEST REMEDY for  
**RHEUMATOID ARTHRITIS,  
OSTEO-ARTHRITIS, LUMBAGO,  
SCIATICA, NEURITIS,  
RHEUMATISM.**

Liberal Terms.

Write for full particulars to Distributors:  
**STAPLETON & SON, 34 Yew Tree Road,  
SOUTHBOROUGH, Kent.**  
Rep. in Ireland: R. I. VINT, 6 Elgin Rd., Dublin

## The Antacid Digestant

### **BiSoDol**

(Regd. Trade Mark)

Invaluable for

**INDIGESTION, DYSPEPSIA, HEARTBURN, ACIDITY,  
FLATULENCE, etc., etc.**

BiSoDol is recommended by Doctors, Dentists and Nurses throughout the Country.

Now available in three sizes 1/3, 3/-, 4/9.

**BiSoDol LTD.**  
12, Chenies Street, London, W.C.1.

# Some customer of yours would like to know about this mother's experience with Lactogen



"My baby was premature and for the first 2 or 3 months it was very difficult to find a food to suit her. Lactogen is the essential food for baby where, as in my case, mother's milk was out of the question owing to the poor state of health during pregnancy."—E.A.T.

Lactogen is so easily digested and its balanced nutrient is so quickly absorbed that premature babies and other babies with delicate or weak digestive systems do well on it and thrive.

Lactogen, which is packed in hermetically sealed tins, is pure, fresh, full-cream milk from specially selected English herds, modified by the addition of extra cream and natural milk sugar, then dried. When the requisite boiled water is added, Lactogen is in all important respects exactly like breast milk.

Whenever a Mother asks your advice about Baby's food, you cannot do her a higher service than to tell her, "Put Baby on Lactogen."

66 **LACTOGEN**  
REGD. TRADE MARK  
BETTER MILK  
FOR BABIES

Lactogen — prepared by  
Nestle's — is a modified  
dried milk for use in  
infant feeding.

2/9 PER TIN  
P.A.T.A.

Copyright

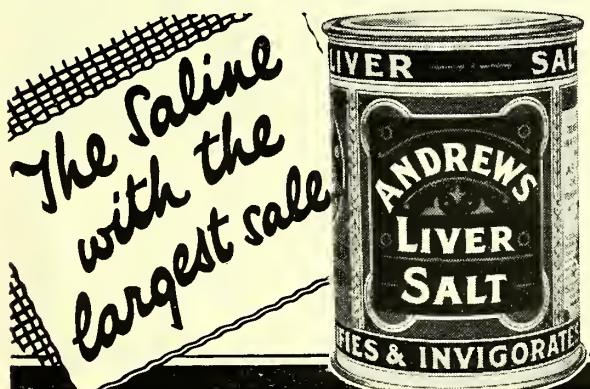
Send to-day for full particulars  
and terms to the Lactogen Bureau  
(Dept. AZ82.A), Nestle and  
Anglo-Swiss Condensed Milk Co.,  
6 & 8 Eastcheap, E.C.3.

## HEALALENE

*The Ointment for PILES*

Wonder Cure  
Enquiries Invited : Good Profits : Well Advertised  
HEALALENE PRODUCTS CO.  
78 New Oxford St., London, W.C.1

**DUTCH DROPS** *Claes Viley*  
The Original HAARLEM OIL  
Also in Capsule Form.  
We are Sole Distributing Agents for the British Isles, British  
Colonies, Scandinavian Countries, Spain and South America.  
BROOK, PARKER & CO., LTD., BRADFORD



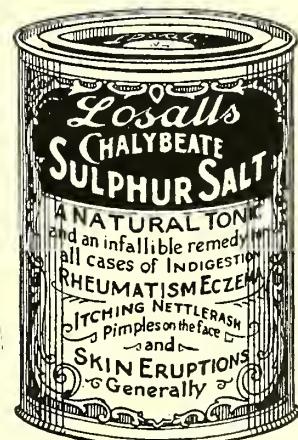
## LOSALL'S SALT

Sells freely and readily. PAYS 50% ON OUTLAY  
An infallible remedy for

**GOUT,  
RHEUMATISM,  
ECZEMA  
and SKIN  
AFFECTIONS.**

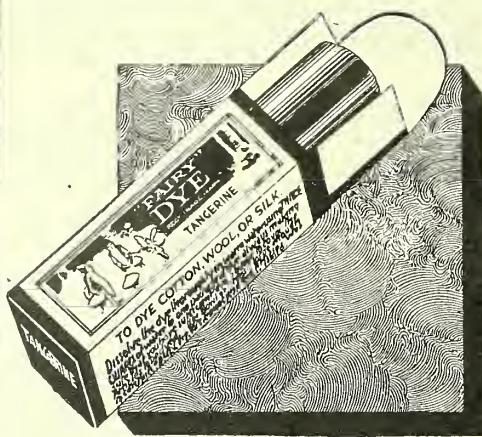
P.A.T.A.

4 oz. tins 1/-  
8/- doz. net  
8 oz. tins 1/9  
14/- doz. net  
Bottles 2/-  
16/- doz. net



Attractive advertising matter supplied on application  
SOLD EVERYWHERE

Manufactured by  
**LOFTHOUSE & SALTMER, Ltd.**  
HULL



**LONDON DEPOT:**  
292 UPPER STREET, ISLINGTON, N.1

**FAIRY DYES, LTD., GLASGOW, N.W.**

*Fairy Dyes*

# It pays to Concentrate on Advertised goods

## FAIRY DYES

are well advertised in the National Press and Ladies' Journals. They meet with a large and steadily increasing demand.

Sold at the popular price of 2d. per tube retail—attractively packed. 31 shades and colours.

See that your stocks are up-to-date.

BUY

**TRADE PYRAMID MARKS**  
BRITISH  
CORKS

are better than ever.

**6 and 8 oz.**

N.H.I. 5<sup>d</sup>. per gr.

Ordinary 8<sup>3</sup>/<sub>4</sub> d. ,

Fine 1/1<sup>1</sup>/<sub>2</sub> ,

Finest 1/8 ,

10 gross carriage paid.

20 gross - - less 5%.

Less 5% cash with order.

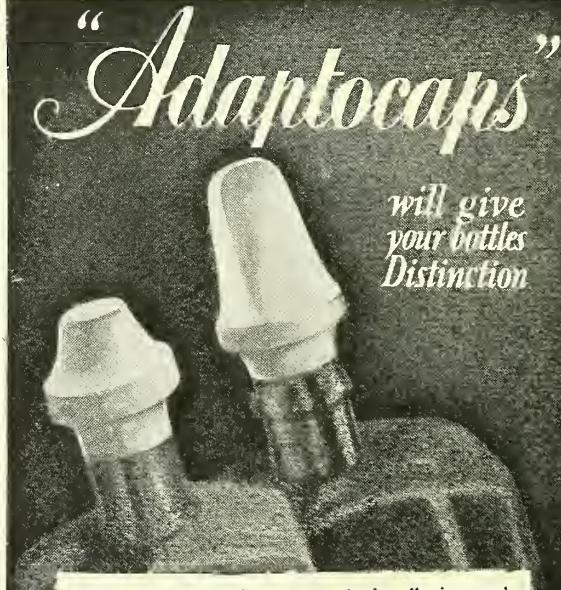
Write for full Price List and Size Gauge.

**N. W. Mitchell & Snow, Ltd.**

"The Cork Firm."

Limehouse, London, E. 14.

**TRADE MARK**  
**PYRAMID**



These Dry Bottle Caps are made in all sizes and colours, clear and opaque. They are Self Sealing, of unrivalled quality and BRITISH MANUFACTURE. Special low rates for large contracts. Let us quote you.

**The London Capsule Co**

EMPIRE WORKS, MITCHAM RD., CROYDON

Telephone: Thornton Heath 3014

# NOBBY'S EXTRACT BARLEY MALT and HOPS

PUT UP IN TWO PACKS  
LIGHT FOR MAKING ALE  
DARK FOR MAKING STOUT  
YEAST SUPPLIED WITH EACH TIN

Once a customer tries this line, he will buy it again and again. This is a line you can afford to display and recommend. Your usual Wholesaler stocks it, or you can obtain samples and prices direct from:

NOBBY'S PRODUCTS  
LIMITE  
4 Cannon Street, Manchester, 3



# PURE ORANGE WINE

A. MILLAR & CO., LTD., DUBLIN

(VINUM AURANTII B.P. 1914.) Prepared in strict accordance with the Formula of the British Pharmacopœia. (Wholesale only.)  
Samples from Head Office, Thomas Street, DUBLIN, or London Office, 74 Great Tower Street, LONDON, E.C.3.

## "VITAMIN TESTED YEAST"

*Yeast specially prepared for medicinal purposes*

GUARANTEED ABSOLUTELY PURE

MIDGLEY & PARKINSON, LTD., Warren Works Pudsey, LEEDS

See following agents for Great Britain—

THE OLD STRAND CHEMICAL & DRUG CO., LTD.  
Audrey House, Ely Place, London, E.C.1

## COMPRESSED TABLETS

COATED or UNCOATED  
Standard or Private  
Formulae

Wholesale Buyers write  
T.H. WALTON & Co. Ltd  
BATLEY

# CALDER YEAST TABLETS

50 Tablets 7d.

Discounts: Retail 33 1/3%, Wholesale 16 2/3%.

100 Tablets 1s. 0d.

Carriage paid on all Orders.

***Yeast improves the Complexion***

Supplies of Calder Yeast Tablets may be obtained through Wholesalers and—from The United Yeast Company Ltd., London, Birmingham, Bristol, Leeds, Manchester & Newcastle.

**Calders' Yeast Co. Ltd., INVERKIP STREET, Glasgow, C.5.**

Awarded Certificate by  
The Institute of Hygiene  
for Purity—Quality—Merit

# LOCARNO

MEDICATED  
TOILET ROLL

Costs 3d.



Sells 6d.

Sales  
restricted  
to Chemists

You are sure of  
repeat orders  
by selling the  
"LOCARNO"

Contains 650 sheets of pure  
white Sulphite Paper.  
Free delivery. Packed in cartons.

Free Sample Roll on application

Each Roll 12 oz.

Sole Manufacturers:

**J. RUTHERFORD & CO. LTD.**  
VICTORIA PAPER MILLS  
VICTORIA RD. HOLLOWAY, LONDON, N.7

CONTRACTORS TO H.M. GOVERNMENT

Best sellers

The  
public is asking  
for **ZEAL**  
**CLINICAL**  
**THERMOMETERS**  
because they are:-  
**GUARANTEED TO**  
**STAY ACCURATE**  
**CONSISTENTLY**  
**ADVERTISED**

Made by  
**ZEAL**

—the name the  
public knows.

G. H. ZEAL, LTD.,  
75 & 77, St. John St., London, E.C.1.



**“SURCO”**

RELIABLE  
**ELASTIC HOSIERY**  
SEAMED & SEAMLESS

For special garments to  
measure we maintain a 24  
hour service.

:: BODY BELTS ::  
TRUSSES :: SUNDRIES

Write for Catalogue.

**SURGICAL HOSIERY CO., LTD.**

Russell Street :: NOTTINGHAM

Telephone No. : 75903.

Telegrams : SURGICAL, NOTTM.

# SPECIAL QUANTITY TERMS

The sales of Sherley's Dog Foods and Medicines are increasing. Moreover, they are supplied on terms which eliminate all risk of loss, prices are protected and Trade Terms are generous. The special discounts below make our Quantity Terms most attractive.

**2½% EXTRA DISCOUNT  
2% ON £2 PARCELS**

Those who give a window display of Sherley Products can confidently order a popular £2 parcel, made up of any of our lines retailing at 6/- or less, according to customer's requirements. On orders for this amount an extra 2½% discount is allowed. Link up with us and secure the trade for Sherley Products in your district.



**5% EXTRA DISCOUNT for  
WINDOW DISPLAY**

A window display of Sherley Products will increase your business and earn you an extra 5% profit over and above our generous Trade Terms. Extensive sales-compelling show material is available for small, medium or large Display. A postcard brings full details.

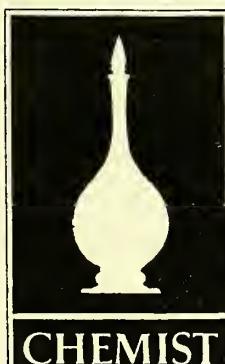
Sherley products are extensively advertised in the National and Canine Press and represent the highest standard of excellence.

A. F.  
**SHERLEY**  
& Co. Ltd.,  
18 Marshalsea  
Road,  
LONDON, S.E.1

# SHERLEY'S DOG MEDICINES



LACTOL BISCUITS



**CHEMIST**

*Buy direct  
from the Makers*

SCINTILLATING SIGN SERVICE  
68a COLEBROOKE ROW,  
ISLINGTON, N.1

All Types of Chemists'  
Signs. Illuminated  
and Non-illuminated

PRICES ON APPLICATION

# RATS

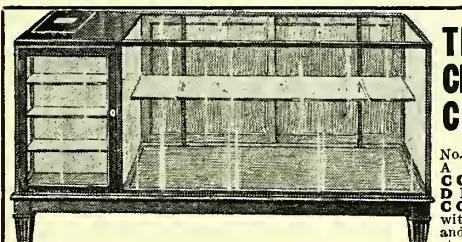
THE STUFF TO GIVE 'EM

The most effective rat exterminator,  
showing the widest margin of profit. Backed  
by vigorous and sales compelling advertising.

**ROMOR** THE DEADLY  
RAT POISON

7½d. size, 5/-; 1/3 size, 10/- per doz.  
3 doz. lots (13 to doz.) carriage paid, less 10%.  
6 doz. lots, less 15%; 12 doz. lots, less 25%.

KUROS MANUFACTURING CO.  
BALLYMENA  
Northern Ireland



### The Ideal Chemist's Counter

No. C.D.F. 5191  
A new type of  
**COMBINED  
DISPLAY  
COUNTER**  
with Showcase  
and Cash Till. Constructed of Oak or  
Mahogany framing. 6 ft. long x 2 ft. wide x 3 ft. high. Top, front and end ½ in.  
drawn plate glass. The display section is 4 ft. 4 in. long with panelled back doors  
encasing 1 glass shelf. The interior is mirrored glass one end. At side is fitted a  
reliable cash till with showcase. Front as shown. The showcase is 18 ins. wide  
and fitted with 3 glass shelves each 4 ins. deep. The case is mirror-lined at back  
and door is fitted lock.

**£15. 0. 0 each**

Deferred Payment Terms.—12 equal monthly payments of 26/3  
Full List of Showcases No. CD 1400 free on request.

**DUDLEY & COMPANY, LIMITED, 451 Holloway Road, London, N.17**  
City Showroom: 65 Fore Street, E.C.

# BATTLE'S VERMIN KILLER

Of all Patent Medicine  
Houses at 3/-, 5/-  
and 9/- per dozen.

In packets at 5d.,  
9d. and 1/3 each.  
(P.A.T.A.)

The **sure** destructive agent which may be  
confidently recommended by Chemists for  
quick clearance of rats and mice.  
(Users' testimonials on request.)

Prepared only by  
**J. C. M. BATTLE, Ph.C., LINCOLN**

# A PERMANENT 'ASPRO' DISPLAY



## MEANS DOUBLE 'ASPRO' SALES AND MANY NEW CUSTOMERS FOR OTHER LINES AS WELL

'ASPRO' is the most powerfully advertised line of its kind in the world. Over 300 papers, with a total circulation of more than 32,000,000, carry the 'ASPRO' message several times monthly into almost every home in the country. Display 'ASPRO' continuously in your window and shop, and you will benefit from this enormous campaign just as though you paid for the advertisements yourself. Not only will your 'ASPRO' sales be doubled, but the display will bring new customers to your shop who will purchase other lines as well. This has been proved by many enterprising chemists. Write us to-day for our current window display and test it for yourself. You will see how quickly the public respond to the 'All-British' appeal of 'ASPRO.' There are also frequent changes of window stickers and giant cartons available



'ASPRO' consists of the purest Acetylsalicylic Acid that has ever been known to Medical Science, and its claims are based on its superiority.

Agents—  
**GOLLIN & CO., Pty., Ltd.**

('Aspro' Dept.) SLOUGH, BUCKS.  
Phone SLOUGH 608.

Made by **ASPRO LTD.**, SLOUGH, ENGLAND.  
No proprietary right is claimed in the method of manufacture  
or the formula.

**'ASPRO'**  
REG. TRADE MARK

## 'ASPRO' IS ALL BRITISH



# The CHEMIST AND DRUGGIST

## SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

28 ESSEX STREET, LONDON, W.C.2

NOVEMBER 11,

. 1933 .

### ADVERTISEMENT TARIFF

**ALL ADVERTISEMENTS** are PREPAID, so that remittance must accompany instructions in each case. If it be necessary to telephone or telegraph an urgent announcement this may be done, provided the money is telegraphed at the same time.

**BUSINESSES WANTED** and for **DISPOSAL, PREMISES TO LET** and **FOR SALE, PREMISES WANTED, PARTNERSHIPS, GOODS for SALE and AGENCIES**—6/- for 50 words; every additional 10 words or less, 6d. (Box No., 1/- extra.)

**SITUATIONS OPEN**—6/- for 40 words; every additional 10 words or less, 6d. (Box No., 1/- extra.)

**SITUATIONS WANTED**—2/- for 18 words; every additional 10 words or less, 6d. (Box No., 1/- extra.)

**LEGAL NOTICES, TENDERS, AUCTIONS**, and all specially-spaced announcements, 1/3 per nonpareil line (12 lines = 1 inch single column). (Box No., 1/- extra.)

**MISCELLANEOUS (Wholesalers')** Section for odd and second-hand lots—10/- for 60 words; 1/- for every additional 10 words or less. (Box No., 1/- extra.)

**EXCHANGE COLUMN** (for Retailers, etc.)—Twopence per word, minimum 2/-. (Box No., 1/- extra.)

**THE CHEMIST & DRUGGIST**, 28 Essex St., Strand, London, W.C.2

Telephone: Central 6565 (8 lines).

Telegrams: "Chemicus, Estrand, London."

### CLOSING FOR PRESS.

must reach us  
not later than

FIRST POST THURSDAY MORNING

All advertisements intended for insertion in this Supplement

## ORRIDGE & CO.

56 LUDGATE HILL, E.C.4

ESTABLISHED 1846

Telephone No.: CITY 2283

May be CONSULTED at their Offices on MATTERS OF SALE, PURCHASE & VALUATION

We make no charge to purchasers, and invite intending buyers to communicate with us, stating their requirements

1.—EALING (NEAR).—Middle- and Working-class Cash Retail Business with Kodak and N.H.I.; increasing turnover: this year approaches £1,700; gross profit 39 per cent.; modern double-fronted shop, situated next door to a multiple grocers; comfortable living accommodation; rent £95 per annum; lease; price £950 or reasonable offer; genuine reason for disposal.

2.—SYDENHAM (NEAR).—Main Road Cash Retail Business with Panel and Kodak Agency; old established; returns last year £2,043; gross profit £886; accountant's figures; double-modern-fronted shop, well fitted and fully stocked; held on long lease at moderate rental; price £1,550, or valuation terms entertained; genuine reason for disposal.

3.—WESTERN SUBURB.—Good and Middle-class Family Retail Business with Kodak Agency and good sale for own proprietaries; established over 40 years; returns approach £2,300 per annum; scope for increase in the hands of a younger man; double-fronted main-road shop, nicely fitted and fully stocked; good living accommodation; held on lease at reasonable rental; price £1,550; vendor retiring.

4.—NORTH LONDON (GOOD-CLASS SUBURB).—High-class Retail and Dispensing Business with Kodak Agency; established 25 years; returns last year £2,102; this year shows an increase; good profits; accountant's figures; double-fronted shop, handsomely fitted and fully stocked; excellent living accommodation; rent £120 per annum, rising to £150 per annum; long lease; valuation terms entertained; genuine reason for disposal.

5.—ELEPHANT AND CASTLE (NEAR).—Main road cash Retail Business with N.H.I.; established over 60 years; returns, under management, exceed £1,200 per annum; the premises occupy a splendid position on a busy main road and the turnover, in our opinion, should be capable of large increase; corner shop, nicely fitted and fully stocked; rent £90 per annum; sublets £80 per annum; held on lease; price, to be arranged.

6.—EDGWARE ROAD (NEAR).—Middle- and Working-class Business with very good N.H.I. Dispensing connection; established 50 years; returns £2,200; accountant's figures; good living accommodation; rent £150; held on lease; price £1,500, or valuation terms entertained.

7.—ESSEX (NICE-CLASS GROWING SUBURB).—Middle-class Retail Business with very good Optical connection; returns increasing, present rate £60 per week; double-fronted main-road shop, nicely fitted and fully stocked; new lease at reasonable rental; further details on application.

8.—SUSSEX COAST.—High-class Retail Business with Kodak, Arden and Innoxa Agencies; returns approach £2,500 per annum; good profits; double-fronted shop, handsomely fitted in light oak and fully stocked; vendor estimates stock and fixtures to be worth £1,500; good living accommodation, with bathroom; rent £125 per annum; long lease; price £2,250.

9.—LINCS.—Middle- and Working-class Cash Retail Business, situated in prominent position; established 1860 and in present hands 17 years; returns £4,000 per annum; rent £250; held on lease; further details on application.

10.—SUSSEX (BORDERS OF).—Good Middle-class Retail Business, offering scope for increase; very old established; returns approach £1,400 per annum; good profits; single-fronted shop, situated in good position; mahogany fixtures and good working stock; rent £120; held on lease; living accommodation; ill-health of vendor's wife make a quick sale imperative; the first reasonable offer will be accepted.

11.—MIDLAND CITY.—Middle-class Retail Business, run under management; returns approach £1,500 per annum; have been much more; the premises occupy a good position; double-fronted shop, well fitted and fully stocked; good living accommodation; new lease at £80 per annum; price £1,000, or valuation of stock and fixtures.

12.—DERBYSHIRE.—Middle-class Retail Business, occupying splendid position in marketing thoroughfare; increasing turnover, at present averaging £40 per week; scope for increase in the hands of a younger man; nice house available; price £1,500 or near offer; vendor retiring.

13.—BARNET (WITHIN EASY REACH OF).—Good medium-class Retail Business, situated in good position; returns this year will exceed £1,600; the increase for October, 1933, over October, 1932, exceeded £13; net profit over £400; double-fronted shop, nicely fitted and fully stocked; stock and fixtures estimated to be worth about £850; nice house available; rent £60 per annum; held on lease; price £350, plus valuation of stock and fixtures, or nearest offer to £1,100; genuine reason for disposal.

14.—BRADFORD.—General Retail Business with N.H.I. and small Optical connection; established 30 years ago; returns last year £1,521, exclusive of Optical; good profits; double-fronted corner shop, situated on main road; stock and fixtures worth about £750; comfortable living accommodation; price of business £1,000; vendor owns premises and would prefer to sell same; further details on application.

## Chemists' Transfers, Valuations for Sale, Stocktaking & Probate

Special Terms for Income Tax Valuations and Preparation of Accounts by Qualified Accountants.

*Ernest J. George & Co.*

Chemists Valuers & Transfer Agents.

Bank Chambers, 329, High Holborn, London, W.C.1.  
Telephone Nos. Holborn 1167 & 1278 (2 lines).  
Tudor House, Walsall, Telephone, Walsall, 3774.

(C1) LONDON, N.W.—*For disposal owing to retirement.*—High-class pharmacy, in present hands for over 30 years; average turnover £2,500—£3,000 per annum; premises situated in main shopping thoroughfare; reasonable rental, which includes good living accommodation; excellent scope for further increase and development; purchase price to comprise agreed sum for fixtures and goodwill, plus stock at valuation.

(C2) CHESHIRE.—*For disposal owing to retirement.*—Good family business, established about 120 years; turnover for last financial year £2,782; rent £70 per annum; rates approximately £16; lease 14 years unexpired; price £1,750, including stock and fixtures, estimated at approximately £1,150.

(C3) MAIDA VALE (NEAR).—Good dispensing and general retail business, prominently situated in busy main shopping thoroughfare; turnover approximately £2,200 per annum, with gross profit about £1,000; large N.H.I.; very reasonable rental, which includes living accommodation; good lease; price by negotiation.

(C4) LONDON WEST (OUTER SUBURB).—Good family and dispensing business, situated in main shopping street; the business is well known, having been established for many years; turnover for last financial year upwards of £2,750; rent £120, including living accommodation; long lease, or freehold could be acquired; stock and fixtures estimated at £1,200; further particulars in strict confidence upon application.

(C5) NOTTS.—Old-established family business with excellent connections and potentialities; the present returns are at the rate of approximately £2,250 per annum, and are showing steady and consistent increase; rent £140, plus rates; lock-up shop, with extensive storage accommodation; price £1,350; exceptional opportunity.

(C6) BERKSHIRE.—Modern pharmacy, with up-to-date flat, situated in good-class growing residential district; present returns approximately £2,000 per annum; main-road situation; no near opposition; reasonable rental; price about £1,400.

(C7) ROMFORD (NEAR).—Excellent profit-earning business, with scope for further increase; turnover approximately £2,550 per annum, with net profit to owner-proprietor £550—£600; property can be purchased or leased at a moderate rental; price £1,750, but near offers considered.

(C8) LONDON, S.E.—Attractive up-to-date pharmacy, situated in main shopping street of congenial residential suburb; present returns

upwards of £2,600 per annum, with good scope for further increase; reasonable rental, which includes living accommodation; long lease; price by negotiation.

(C9) BLACKPOOL.—Good retail and dispensing business, situated in busy shopping thoroughfare of good-class residential district; turnover approximately £1,550 per annum, with gross profit £579; property can be purchased or leased at a reasonable rental; price £940, or £690 plus stock at valuation.

(C10) WIMBLEDON (NEAR).—Drug Store with side lines, situated in rapidly growing residential suburb; very attractive modern premises, including good labour-saving house with three bedrooms, etc., and all conveniences. Present returns approximately £30 weekly, with abundant scope for extensive development; reasonable rental; long lease; good reasons for disposing; personally visited, and strongly recommended.

(C11) ESSEX (about 15 miles from London).—Good family business, situated in growing residential district; turnover for last financial year £1,156, and steadily increasing; rent £70, including modern house; genuine reason for selling; price £875 (offers considered); this business constitutes a very attractive proposition, and is well worthy of investigation.

(C12) LEEDS.—Good retail business, with living accommodation, prominently situated; turnover, as per audited accounts for last financial year, £1,850; owner will grant a new 21-year lease at a rental of £70 per annum; rates about £22; price £600, plus stock at valuation, which could be adjusted to suit purchaser's requirements (offers considered).

(C13) CARDIFF.—Attractive modern pharmacy, with excellent living accommodation, situated in good-class residential suburb; turnover for 1932-33, £1,150 approximately; business and property available for purchase at reasonable figure consistent with value; further particulars upon application.

(C14) EAST KENT.—Established retail business, situated in pleasant seaside resort; turnover for 1932-33, £1,560, but these figures are capable of considerable increase; rent £100 per annum, including extensive living accommodation, which can be sublet in order to more than cover the entire rental; no near opposition; attractive premises, with excellent internal fittings; stock and fixtures estimated at £1,000; purchase price by negotiation.

## BERDOE & FISH

CHEMISTS' VALUERS AND TRANSFER AGENTS,

41 Argyle Square, KING'S CROSS, W.C.1

(One minute from St. Pancras and King's Cross Stations.)

1.—BOURNEMOUTH (near).—Light Family Retail with Kodak Agency; turnover averages £1,750; audited books; well-fitted shop, with good house; no near opposition; price, including freehold, £2,600.

2.—MIDDLESEX (Banks of Thames).—Good middle-class business; in very best position; turnover averages £2,600, third profit; audited figures; long lease at moderate rental; house attached; excellent stock; well fitted; valuation terms arranged.

3.—HERTS (Market Town).—Good Middle-class Business showing steady progress; turnover exceeds £1,500; net profit £420; books audited; modern Pharmacy; well stocked; rent £60; long lease; price £1,100 or £350 and valuation.

4.—MIDLANDS.—Light Family Retail with N.H.I., in thickly populated district; no near opposition; returns last year £1,321; rent £52; on lease; corner shop, well stocked; owner ordered South; price £800 or £200 plus valuation.

5.—WESTCLIFF-ON-SEA.—Well-established Light Retail, with good Prescribing; main-road position; turnover exceeds £1,300; net profit £348; house attached; fully stocked; price £1,000.

6.—SUSSEX.—High-class Country Retail; pleasantly situated; turnover £1,800; practically unopposed; large shop, with good house and garden; owner leaving the trade; price £1,200.

7.—WARRICKSHIRE.—Nice-class Suburban Business; pleasant district; present returns £20 weekly; main-road position; good house; low rent; stock and fixtures worth over £700; price £100 plus valuation for early sale.

8.—LONDON, W.9.—Middle-class Cash Retail with Large Panel and good Photo connection; returns approx. £2,200; gross profits over 45 per cent.; books audited; main-road position; rent £150; long lease; large house; price £1,500 or offer.

9.—LONDON, S.W.—Profitable Light Retail Business; in good position; returns £35 to £40 weekly, increasing; good house and pharmacy; well stocked; price £1,250.

10.—LONDON, N.W.—Good-class Suburban Business; growing district; returns £12 weekly under manager; plenty of scope; double-fronted shop; well stocked; price £175 or bare valuation.

Lowest Terms for Stocktaking.

Estab. 1870.

Telephone: Terminus 3574.

## THE ASSOCIATION OF MANUFACTURING CHEMISTS, LIMITED

(Business Agency, Transfer & Valuation Department)

KIMBERLEY HOUSE, and at EXCHANGE CHAMBERS, Holborn Viaduct, LONDON, E.C.1 2 Bixteth St., LIVERPOOL.

PARKIN S. BOOTH, Valuer. Tels.: CITY 3691 (4 lines). VALUATIONS, SALES OF BUSINESSES. STOCKTAKINGS.

Enquiries Invited.

## S. F. CLARK, F.N.A.A. \*Phone: 3366 CHEMISTS' VALUER & TRANSFER AGENT 34 Marksbury Avenue, Richmond, Surrey

invites correspondence from Pharmacists, relative to the SALE OR PURCHASE OF BUSINESSES, VALUATIONS for all purposes, PARTNERSHIPS AND COMPANY FLOTATION. MORTGAGES ARRANGED.

ALL MATTERS TREATED CONFIDENTIALLY.

## TO GET INTO DIRECT TOUCH

with the best buyers of Drugs,  
Chemicals, and allied products

## ALL OVER THE WORLD

use regularly the publicity  
service afforded by

## THE CHEMIST & DRUGGIST

## BUSINESSES FOR DISPOSAL.

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

**B**IRMINGHAM (near).—Drug Store, Selo Agency, etc.; situated in pleasant and rapidly developing district; main shopping centre; nicely fitted double-fronted shop; no opposition; unrivalled opportunity for Qualified man; nearest Chemist 2 miles; present trade £12 per week, but quickly increasing; could easily be doubled by Qualified Chemist; good living accommodation; rent, house and shop, 22s. 6d. per week; price £130; s.a.v. (approximately £100). 539/30, Office of this Paper.

**C**HESHIRE.—Drug Store; Kodak, Selo, Ensign authorised dealers; sales average £10 weekly; no dispensing done at present; fresh stock, fittings, &c., £160; house, 2 entertaining, kitchen, 3 bed, bath, scullery, washhouse, garden, &c., £550; in all £710; mortgage can be arranged; no opposition; splendid opportunity. Wellings & Co., Moss Road, Northwich.

**D**ENTON, near MANCHESTER.—Pharmacy, Toilet Requisites and Kodak Agency; corner shop; good living accommodation; 3 bedrooms; rent and rates 23s. per week; fixtures and goodwill £150; stock at valuation, approximately £325; opportunity for Qualified Chemist. Cheetham & Sons, F.A.I., 40 Hyde Road, Denton.

**L**ANCASHIRE.—Genuine Business for Sale; main road; well established; good-class trade; returns approach £1,900; all cash; small N.H.I.; excellent opening for Optics; living accommodation, or could be sublet conveniently; price £1,150, approximately. Apply with references to 538/2, Office of this Paper.

**L**IVERPOOL.—Chemist-Optician's Business, situate in main road, busy thoroughfare; corner shop in good open position; well-fitted and stocked, three windows; excellent living accommodation, with private entrance; good garden; very healthy position; present occupation over 20 years; health reason for sale; lease; rent £85. Nicholson, 72 Priory Road, Anfield, Liverpool.

**L**ONDON.—Chemist's Sundries, Valuable Prescription Service; well known throughout London and suburbs; many stockists; business rapidly increasing; large mail order list; profits vary from £7 to £11 per week according to season; present sales will be doubled by an energetic man (Qualified or Unqualified); price £600, includes good stock, F. & F.'s, valuable formulae and goodwill, and small Retail Shop with stockroom; shop alone pays expenses and shows a profit; business taught if necessary; only those with the money and highest references need apply. 538/25, Office of this Paper.

**L**ONDON (few miles out).—Good middle-class Suburban Business; old-established and occupying splendid position in pleasant residential district; returns approach £2,600; books audited; very good house; long lease granted, or would sell freehold; only applicants with £2,000 at command need apply. "S. W. R.", 230/292, Office of this Paper.

**L**ONDON, E.—Chemist's main-road double-fronted shop and house; 7 rooms, etc.; takings £25 week; rent £2 5s.; lease 21 years; price £650 for goodwill, fixtures, fittings, etc., or near offer; stock optional; would sublet if desired. 539/11, Office of this Paper.

**L**ONDON, E.—Old-established Retail and Dispensing Business; good N.H.I.; double-fronted lock-up shop; D. & P.; situated in thickly-populated working-class district; returns £1,200 under management; rent, inclusive, £71 10s.; lease 12 years to go; price £650. 537/34, Office of this Paper.

**M**ANCHESTER.—Old-established Business with Wine and Spirit Licence, N.H.I. Dispensing; price valuation of stock and fixtures and agreed sum for licence. Apply 537/13, Office of this Paper.

**S**HROPSHIRE BORDER.—Sound, unopposed Country Business in small market town; average takings under management for last three years £1,300 at 33 per cent. gross profit; rent and rates, which include good house, £43; enquirers please send evidence of bona fides; audited accounts; excellent opportunity for one who likes a country life and requires a steady income of £350 per annum without the long hours of a town business. 537/8, Office of this Paper.

**S**UFFOLK.—Owing to sudden illness, a Business situated in a prominent seaside resort is available for purchase at valuation of stock and fixtures; through indisposition the business has not been properly exploited for some little time, but with the necessary personal interest and supervision it should quickly be re-established; rent of shop and house, £45 per annum; lease 19 years unexpired; further particulars upon application. Apply Ernest J. George & Co., 329 High Holborn, London, W.C.1.

**W**IRRAL CHEMIST'S Business for disposal, occupying principal position in thickly populated area; extensive Panel practice included in splendid turnover; shop and dwelling-house; net rental £104 p.a.; well-stocked and fitted; average turnover £2,800 p.a. For further particulars apply Parkin S. Booth, F.L.A.A., F.I.S.A., Certified Accountant, 2 Bixteth Street, Liverpool, and 14-17 Holborn Viaduct, London, E.C.1.

**F**OR DISPOSAL.—Distinctive Pharmacy of excellent earning capacity in friendly neighbourhood of Midland city; owner retiring; last year gross profit £454; overheads £110; house attached; fresh stock at valuation or agreement; fittings, equipment, own proprietaries, goodwill, &c., £375, or offer; very suitable for Woman Chemist. 538/6, Office of this Paper.

**P**HARMACY.—Well-stocked, double-fronted shop for £600; main-road position, S.W. district; £550 considered for quick sale; genuine reasons for disposal; valuable opportunity for Qualified man. Write McCombe, 28 Berkeley Road, S.W.6.

**S**PLENDID opportunity occurs to acquire a Chemist's Business, large Essex town; beautifully fitted lock-up shop; low expenses; established 7 years; books kept; net profit £4 10s. as Druggist; Qualified man could double by resuscitating N.H.I. and Optics; no near opposition; price, to include £65 new stock, £125; secure for Christmas trade. 539/15, Office of this Paper.

**£400, PLUS STOCK** at Valuation, will purchase an attractive business in West Country city; plenty of scope for increase; busy thoroughfare. 539/18, Office of this Paper.

**£135 (BARGAIN).**—Small Chemist's Business in West London suburb; double-fronted Shop; locality offers plenty of scope; well stocked; Prescribing, N.H.I., and Photographic. Inquiries to 539/25, Office of this Paper.

## BUSINESSES WANTED.

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

**L**ONDON Main Road Business Wanted.—Good Panel and takings over £5,000 yearly; cash buyer waiting who would give a price over the ordinary market value. Reply in confidence to Orridge & Co., 56 Ludgate Hill, E.C.4. Telephone: City 2283.

**A**DVERTISER, obliged to sell for good reason, wishes to meet A Chemist who knows a good opening in or around Bournemouth or Southampton; employment in existing business would meet case, or as Assistant; old "Major" qualification; bona fide inquiry and no agents whatever. Spes., 539/29, Office of this Paper.

**A**DVERTISER is open to negotiate for business returning from £12 to £20 weekly; in or near London. Particulars to "Chemist," 20 Edith Road, West Kensington, W.14.

**B**ERDOE & FISH have cash purchasers waiting for following businesses: London or South, turnover £3,000 to £5,000. West or S. West of England, £2,500 to £5,000. Also any good working-class district, turnover £4,000 upwards. Apply in strict confidence, 41 Argyle Square, King's Cross, W.C.1. Telephone: Terminus 3574.

**C**HEMIST wishes to purchase run-down business, or would entertain management of larger concern with view to purchase, preferably in Southern or Midland Counties. Full particulars in confidence to Chemist, Northbrook, The Green, Southwick, Sussex.

**P**RIVATE Chemist wishes to purchase immediately a good, sound business in South or Mid-Devon; must bear closest investigation; all replies treated in strict confidence. P.C.B., 96/32, Office of this Paper.

**R**EQUIRED immediately, good sound Business in London or suburb, showing returns of £4,000 per annum or more if possible; £4,000/£5,000 capital available at any time, and negotiations can be entered into without delay. All correspondence treated in strict confidence. 230/290, Office of this Paper.

## PREMISES TO LET.

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

**C**OMpletely-fitted Pharmacy in parade of 20 shops, nearly all occupied, to be let at moderate rental; situated in thickly-populated Western Suburb, where scope is unlimited; convenient flat (3 bedrooms) available; failure impossible; every assistance given to suitable applicant. Apply by letter to A. Hornsby, 6 Corfton Road, W.5, or phone Perivale 1701.

**O**PPENING for Chemist in excellent Parade of twelve shops in a new but rapidly growing Western Suburb near Ealing; several shops already let; each with excellent flat over; present population fully sufficient to support present shops, but district is growing rapidly and values bound to increase. Apply Sole Agents, Healey & Baker, 29 George Street, Hanover Square, W.1.

**S**PLENDID Opportunity for Chemist at Orpington Garden Estate; modern Shop to let or for Sale; write or call; shops also available on Godstone Road, Whyteleafe, Surrey; particulars on request. E. O'Sullivan (Kenley), Ltd., Arterial Road, St. Mary Cray, Kent.

## PREMISES FOR SALE.

SHOP Property in Glasgow for sale, corner of Crown Street and Rutherglen Road; important site in populous district; frontage about 49 ft. in Crown Street and 30 ft. in Rutherglen Road; suitable for Chemist's business. Apply Macdonald Smith & Co., Solicitors, 100 West Regent Street, Glasgow, C.2.

## APARTMENTS.

WHEN YOU COME TO LONDON STAY AT THE HAMPDEN RESIDENTIAL CLUB.

FOR GENTLEMEN, Hampden Street, N.W.1. Close to King's Cross and Euston. 300 bedrooms, 12s. 6d. to 25s. per week, including baths, attendance and boot cleaning. All meals à la carte in dining room. Moderate tariff. Large Club Rooms, Library, Billiards Room, Reading Room and Study for Students. Illustrated Prospectus from Secretary, Euston 2244/5.

## AGENCIES.

DUTCH Firm wishes representation in Holland for suitable articles for Distillers, Chemists, Druggists, Manufacturers of Ink, Paint, Vinegar, Mustard, Lemonade, &c. Particulars to "M.", 230/283, Office of this Paper.

GENERAL AGENT in the U.K. wanted for the introduction and sales organisation on his own account of a great novelty in the restorative market without competition, composition of pure, concentrated Spanish grape-juice, very rich in vitamins, with tonics of high scientific standard; many thousands of physicians in Spain are recommending this successful health restorative; only for houses with ample financial resources. Apply to No. 9541, Publicitas, S.A., Apartado 128, Valencia, Spain.

MANUFACTURING Chemists engaged in packing Tablets, Toilets and a unique series of Pharmaceutical Products, &c., all in attractive packs and keenly priced, desire to meet a firm of agents who would adequately represent them throughout England; or would be prepared to accept an energetic Representative prepared to employ assistants; only those with good existing connections and handling non-competing lines and prepared to commence immediately, apply, 230/291, Office of this Paper.

## SALE BY AUCTION.

Removed from Lewisbam for convenience of Sale.

SALE ROOMS, 5 LITTLE BRITAIN (close to G.P.O.), E.C.1.

A Complete Range of CHEMISTS' SHOP FITTINGS, Drug Run, Wall Showcases, Glass-fronted Counters, Silent Salesmen, Mirrors, Glass Shelves, Display Stands, Office Furniture, etc.

### B. NORMAN & SON

will sell by Auction at their Sale Rooms, as above, on WEDNESDAY NEXT, 15th inst., at ONE O'CLOCK.

View Day Prior. Catalogues on Application.

Tele.: NAT. 6463.

## TENDERS.

FOR TENDER.—Chemist's Business, comprising two branches in busy Lancashire town; stock, fixtures and book debts valued at approximately £1,100; Wine and Spirit Licence at one branch; total cash takings average £70 per week; N.H.I. at present £60 per month; moderate rentals, leases may be granted; practically no opposition; tenders will be opened on November 17; the right to accept the highest or any tender is reserved. For further particulars and Form of Tender apply Parkin S. Booth, F.L.A.A., F.I.S.A., Certified Accountant, The Association of Manufacturing Chemists, Ltd., 2 Bixteth Street, Liverpool, and 14/17 Holborn Viaduct, London, E.C.1.

## PARTNERSHIPS.

A N OPPORTUNITY occurs for a smart young Qualified Chemist, preferably one who is able to invest £250, for a new main-road shop, 20 miles from London. Write 536/25, Office of this Paper.

WOULD anyone assist Pharmacist (30) by offer of small Partnership on instalment scheme payable out of salary? Advertiser is capable, fully experienced in every branch, and of unimpeachable character. 538/35, Office of this Paper.

## APPOINTMENTS.

### COUNTY COUNCIL OF MIDDLESEX

Applications are invited as follows:—

AT NORTH MIDDLESEX COUNTY HOSPITAL, SILVER STREET, EDMONTON, N.18.

### AMENDED ADVERTISEMENT.

CHIEF ASSISTANT DISPENSER, Non-resident. Salary £250 per annum, rising £10 annually to £300 per annum. Candidates for the appointment, which is a full-time one, must be graduates in Pharmacy of a recognised University or hold one of the qualifications of the Pharmaceutical Society of Great Britain. Apply in writing, stating age, qualifications and experience, with copies of not more than three recent testimonials, to the undersigned not later than November 18. (P.A./N/112).

Note.—The successful candidate will be required to undergo such medical examination as the Council may direct, and, subject to passing the same, to contribute towards the County Council's Superannuation Fund unless subject to the Poor Law Officers' Superannuation Act, 1896.

By Order  
ERNEST S. W. HART,  
Clerk of the County Council.

Guildhall,  
Westminster, S.W.1.

## NOTICE.

### THE NATIONAL ASSOCIATION OF OPTICIANS.

SATURDAY, DECEMBER 9,  
is the last date for Entry for the next  
Fellowship Diploma Examination,

held at Liverpool on Tuesday and Wednesday, January 2 and 3. For Entry Forms, &c., apply Secretary, N.A.O., 130 Princes Road, Liverpool, 8.

## APPRENTICES.

APPRENTICE required; good general experience offered; London, S.E. district. 538/16, Office of this Paper.

## SITUATIONS OPEN.

### RETAIL (HOME).

6s. for 40 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

BARNES.—Unqualified Junior wanted for good-class business; please state age, height, experience and salary required. Feltwell & Son, 90 Church Road, Barnes, S.W.13.

COVENTRY.—Qualified Junior Assistant required; Dispensing and Counter; must be reliable and quick Dispenser; age, height, experience and full experience in first letter. Williamson, Chemist, 428 Foleshill Road, Coventry.

HOME COUNTY (market town).—Wanted January 1, Qualified Junior Assistant (male), with good Dispensing and Counter experience; good-class business, with fair amount of N.H.I. No replies to unsuitable applicants. Apply, giving usual full particulars and stating salary required, to 539/33, Office of this Paper.

**L**ONDON.—Smart Junior Assistant wanted; interview essential; state age, references, wages, etc.; applications not answered 6 days respectfully declined. 539/13, Office of this Paper.

**L**ONDON, E. (near City).—Assistant, Qualified, Lady or Gentleman; good Dispenser, used to Prescribing and Retail work; industrial neighbourhood; please state age, height and salary expected (moderate); applications not answered in 7 days respectfully declined. 538/21, Office of this Paper.

**L**ONDON, S.E.—Qualified Manager (not under 25) required at once for neglected pharmacy; N.H.I. and Buying experience essential; commencing salary £4 per week; give full details and copy references. 538/15, Office of this Paper.

**L**ONDON HOSPITAL.—Assistant Pharmacist wanted; hours 9 till 5 daily, with occasional late duty; progressive salary, commencing at £200, subject to deduction for superannuation under the Federated Superannuation Scheme. Applications, stating age, date of qualifying and experience, to be made by letter in own handwriting to the Pharmacist, London Hospital, Whitechapel, E.1.

**M**ANCHESTER.—Junior Qualified Gentleman Assistant required, used to Dispensing and Counter; local preferred; state age, experience, salary required, and when at liberty. 538/27, Office of this Paper.

**N**ORTH DEVON.—Unqualified Assistant, with knowledge of business, capable of driving small motor van and canvassing village shops; 4 days weekly; other two days assist in Pharmacy-Reply, stating age, height, experience, references, salary required, to 538/38, Office of this Paper.

**C**HEMIST'S TOILET COUNTER.—Consequent upon the opening of new Toilet Departments, Messrs. Timothy Whites require well-educated Young Ladies with good selling ability for the above; applicants must have had previous experience in handling Toilet articles generally; good salaries and commission. Apply, stating previous experience, age and salary required, to Secretary, Timothy Whites, Chemists, Portsmouth.

**H**OSPITAL FOR CONSUMPTION, BROMPTON, S.W.3.—Second Assistant Dispenser (Male) wanted; minor qualification essential; commencing salary £200, with luncheon. Applications, stating age, experience, hospital or otherwise, accompanied by two recent testimonials, to be addressed to the Secretary.

**M**ANAGER, Qualified, required for good-class business in Surrey; age about 30; living accommodation provided; full particulars in first letter, age, height, experience, when disengaged and salary expected. 230/287, Office of this Paper.

**M**ANAGER (Qualified) wanted for good-class Dispensing business in South Coast town; must be capable Salesman, good Window-dresser, tall and of smart appearance; good disciplinarian; write, giving full personal particulars and past experience, enclosing copies of references, which will be strictly investigated; good salary for right man; commission arrangements if desired. Replies to 230/288, Office of this Paper.

**Q**UALIFIED, for branch in village near to London; must be capable of taking charge; Window-dresser and Good Salesman essential; state height, age, experience and salary required; no testimonials or copies with first letter, please. 538/23, Office of this Paper.

**Q**UALIFIED Junior required as Assistant; business experience not essential; fine opportunity to learn art of management. Apply, giving full particulars, to 537/11, Office of this Paper.

**Q**UALIFIED Lady Assistant for post, South London; experienced in N.H.I. Dispensing; salary £3 per week; reply with usual particulars and copies of testimonials and snap, which will be returned. 539/8, Office of this Paper.

**Q**UALIFIED Manager wanted at once for branch with house attached, in country district; married preferred. Send full particulars to Chemist, Southminster, Essex. Applications not answered in 4 days declined.

**Q**UALIFIED Manager required for working-class business in North London; age about 30; married preferred; salary £4 10s. per week plus 10 per cent. net profits; letters not answered in 5 days respectfully declined. Full particulars to 536/33, Office of this Paper.

**R**EQUIRED.—Young Qualified Assistant for West Central district; hours 2.30 p.m. to 11 p.m.; Wednesday 8.30 a.m. to 1 p.m. Reply, giving full particulars and salary required, 539/22, Office of this Paper.

#### PHOTOGRAPHS, TESTIMONIALS, &c.

When answering advertisements in this section applicants are strongly advised not to send (unless specially requested) ORIGINAL TESTIMONIALS or VALUABLE PHOTOGRAPHS. As can be readily understood, when an advertiser receives from 100 to 150 replies the task of returning photographs, testimonials, &c., is one of some difficulty.

**S**MART Young Qualified Assistant required for West End. Apply Manager, No. 1 Marble Arch, between 4 p.m. and 8 p.m. to-day.

**W**ANTED for new shop in busy Suhurh near London, smart and reliable man (30-40); experienced Window-dresser; quick and efficient Dispenser and Counterman; good prospects for right man. Full particulars, experience, etc., P.C.B. 96/30, Office of this Paper.

#### WHOLESALE.

**A** SALES Office Assistant is required by a leading house manufacturing pharmaceutical products and foods; the qualities necessary for success in this progressive position are an alert and methodical mind, sound business habits, and a natural liking and aptitude for correspondence; previous experience with a wholesale house is not essential. Applicants, who must be Qualified Pharmacists (male), single, and not more than 25 years of age, should submit full details of their career and state salary expected to 230/286, Office of this Paper.

**E**XPERIENCED Junior Clerk (19-25) required for Manufacturing Chemists and Druggists in the Manchester district; knowledge of export trade, spirit regulations, D.D.A., &c., an advantage. Applications, giving full particulars of age, qualifications, experience, salary required, &c., to 230/274, Office of this Paper.

**H**IRST BROOKE & HIRST, LTD., Sheepscar Works, Leeds, require experienced Girl for Packing Department, used to bottling and labelling; permanency, with opportunity for advancement; apply by letter in first instance, stating experience, age and wage.

**I**MPORTANT Chemical Firm, London, requires a good Order Department Male Clerk; knowledge of Chemical and Drug Trade. 230/284, Office of this Paper.

**J**OHN RICHARDSON & CO., Leicester, Limited, Leicester, require the services of a capable Assistant with experience of Wets and Drys; applicants will please state age, experience and wages expected.

**R**EPRESENTATIVES, London and Provinces, with live connections Chemists and/or Hairdressers, desiring easily carried sideline, on good commission basis, are offered attractively displayed high-class Dental Preparation in constant demand (not tooth-paste); exceptional profit to retailer. Write full particulars, in confidence, stating ground covered. 538/14, Office of this Paper.

**R**EPRESENTATIVE wanted between 30 and 40; must have strong connection with Chemists in Lancashire and Yorkshire; preferably married; state qualifications in full, salary required, and whether you own a car; all replies will be dealt with in strictest confidence; our organisation know of this advertisement; interview as to time and town will be arranged to suit. 230/289, Office of this Paper.

**T**RAVELLERS, with active connections amongst Chemists, Hairdressers and Stores, required for chief Midland, Northern and Scottish territories by nationally known Cosmetic House; attractive commission basis; early application is advised. Write full particulars. Box "T.C.", c/o Knights, 55 Chancery Lane, W.C.2.

**W**ANTED.—Representatives on commission basis calling on Chemists throughout U.K. wanted for Herbal Ointment; every support will be given; replies treated in confidence. Apply by letter, giving full particulars, to Herblod Ointment Manufacturing Co., Ltd., Great Clacton, Essex.

**W**ANTED.—Representative, with some experience and connection to add to ours, to sell Medical and Surgical Supplies to Doctors and Hospitals, from centres Sheffield, Nottingham, Norwich, or Peterborough, over 60-mile radius; only workers need apply. 536/29, Office of this Paper.

#### SITUATIONS WANTED.

##### RETAIL (HOME).

2s. for 18 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

**A.A.A.A.A.**—ASSISTANT, Unqualified, registered; London and Provincial experience; expert Window-dresser, keen Salesman, accurate Dispenser. James, 6 Shawfield Street, Chelsea, S.W.3.

**A.A.A.**—ASSISTANT; tall; good experience all branches; Photographics; London and seaside; unregistered; now free. MacLellan, Wotton-under-Edge.

**A.A.A.**—QUALIFIED; Manager or Assistant; experienced in all branches; excellent Window-dresser and Dispenser; City experience; highest references; disengaged. J. Simmons, 60 Pennard Road, Shepherd's Bush, W.12.

**A.A.** —JUNIOR (19); good all-round Dispenser, Window-dresser and Salesman; good references. 19 Clinton Avenue, Manchester 14.

**A.A.** —M.P.S. (26), disengaged, seeks responsible post; capable Dispenser, Salesman, and Window-dresser; Provincial and London experience; interview. Morgau, 62 Marylands Road, Maida Vale, W.9. Abercorn 3666.

**A.A.** —QUALIFIED (25); first-class experience; tall, energetic worker; thoroughly reliable, as Manager or position of responsibility. 537/37, Office of this Paper.

**A.A.** —QUALIFIED (27) desires position in London; excellent all-round experience; highest references; free immediately. J. Roland, 331 Old Kent Road, S.E.1. 'Phone: Bermondsey 1654.

**A.** —QUALIFIED (29), married, requires position as Manager or Senior; eleven years' experience; free now; London or suburbs preferred; locum position considered. Marshall, 79 Cedar Lawn Avenue, Barnet.

**A** —QUALIFIED Manager or Assistant Senior (35); experienced all branches; Counter, Dispensing, Photographic; locum or temporary entertainment, London area. Chemist, 50 Grove Lane, Camberwell, S.E.5.

**A** —QUALIFIED Mauager, disengaged, over 20 years' experience, requires position London or Suburbs. Davies, 109 Alexandra Drive, Surbiton, Surrey.

**A** —QUALIFIED Manager or Assistant (28; 5 ft. 10 ins.) seeks post with good-class Chemist, London or South; varied experience in all branches, specially capable in Display and Salesmanship; free when required; interview. Chemist, 25 Northanger Road, Streatham Common, S.W.16.

**A** —YOUNG Chemist-Optician (M.P.S., J.C.Q.O.) with excellent references, and now holding post of considerable responsibility, desires change to similar permanent situation; some details in confidence much appreciated. 537/24, Office of this Paper.

**A** LL-ROUND Experience; Herbalist and Fitter of Surgical Appliances, Prescriber, Counter, Windows; experienced in Mail Order Trade; excellent references; moderate salary; disengaged. Arthur, 2 Walham Grove, S.W.6.

**A** S Locum, Manager or Assistant, "not registered"; over 30 years' London experience; whole or part time; Counter, Book-keeper, Dispensing and worker; London only. "Prescriber," 130 Scott-Ellis Gardens, N.W.8.

**A** S Manager, Assistant; unregistered; energetic, reliable, courteous; Retail and Wholesale; experienced; well recommended. "Aspirin," Kendal Lea, Chapman Road, Fulwood, Preston.

**A** SSISTANT, experienced, excellent references, Unqualified, desires post; London, Portsmouth, Bournemouth, Winchester, Salisbury districts. "Spes," 72 Paynes Road, Southampton.

**A** SSISTANT or Manageress, Qualified (26; 5 ft. 8 ins.); energetic, good education and experience in all branches; 4½ years last reference; London or near; interview appreciated. Coulthard, 86 Woodland Drive, Watford, Herts.

**A** SSISTANT, Unqualified (33); experienced; take charge Drug Stores; London or Southern Counties; act as Representative; well acquainted with South Coast and Channel Isles. Bayes, 41 Casella Road, New Cross.

**A** SSISTANT, Unqualified; long, varied experience; courteous, energetic; 7 years last berth. E. S., 43 Pretoria Road, Chingford, E.4.

**A** SSISTANT (Woman) desires post in a Pharmacy located in the London area, N. or N.W. preferred; Hall Certificate and Institutional experience; advertiser wishes to extend her usefulness and offers services if necessary on part-time basis; salary according to requirements. 230/285, Office of this Paper.

**A** SSISTANT (31), L.P.S.N.I., seeks post in England; Photographic, Dispensing and Counter experience; abstainer. 539/17, Office of this Paper.

**A** SSISTANT (29); 6 years London, 7 years Provinces; desirous of change; efficiency 100 per cent.; references excellent. 539/26, Office of this Paper.

**B** RISTOL.—Qualified Lady (31) desires post in Bristol; some years' experience of branch management. 537/7, Office of this Paper.

**C**HEMIST, Scot (48), experienced, conscientious, desires Management (only) or Dispensing; London or Provinces; reasonable salary. "Drug," 37 Westbourne Grove, Westcliff-on-Sea.

**C**HEMIST (25), Qualified, 9 years' experience, requires situation as Manager or Senior Assistant; excellent references. Neill, 68 Holme Road, West Bridgford, Nottingham.

**E**XPERIENCED, Unqualified, conscientious Assistant (37) seeks post immediately; accurate Dispenser; excellent Salesman, Window-dresser; abstainer; sound references; moderate salary. 538/32, Office of this Paper.

**F.S.M.C.** F.B.O.A., J.C.Q.O., many years' experience in Optics and Pharmacy, desires position with a Chemist-Optician; capable and energetic; accustomed to responsibility; excellent references. 537/29, Office of this Paper.

**I**MPROVER (19) requires situation in Manchester or district. R. Haskayne, 25 Westcroft Road, Withington, Manchester.

**J**UNIOR, recently completed apprenticeship, desires position offering further experience; excellent training and references; free at short notice. 538/9, Office of this Paper.

**L**ADY Dispenser-Bookkeeper (Hall), hospital experience, requires post Essex or Surrey. Phillipps, The Cottage, Upper Wick, Worcester.

**L**ADY Dispenser (Hall), experienced, requires post now, Doctor or Chemist, locum or permanency. 'Phone 6 Robertson, Chipping Norton.

**L**ADY Dispenser; Hall Certificate; disengaged; 8 years' experience; excellent testimonials. A. Margerand, 229 Fordwych Road, Cricklewood.

**L**ADY M.P.S. requires post, locum or part-time; all-round experience; excellent references; free now. Chemist, 5 Randolph Gardens, N.W.6.

**L**ADY M.P.S. requires post in London; full time, part-time or locum; free now; excellent references and experience. 538/10, Office of this Paper.

**L**ADY, Qualified, requires post; 10 years' London experience; knowledge of Continental Pharmacy and Dispensing, and shop management. Chemist, 10 Temple Fortune House, N.W.11.

**L**ADY, Qualified; tall; excellent references; seeks post; London or provinces preferred, but by no means essential. 537/12, Office of this Paper.

**L**ADY, Qualified, "Square"-trained; 6 years' all-round experience Retail and Hospital; requires locum or permanency; disengaged. Fry, The Orchard, Croxley Green, Rickmansworth.

**L**OCUM or relief, Senior, disengaged; any position or period; town or country; reasonable terms. Chemicus, 56 Rudloe Road, Balham.

**M.P.S.** (1930), F.B.O.A. (1931), J.C.Q.O. (24); accurate experience all branches; Manager or Assistant; permanency or Locum; disengaged. Moore, 71 Trafalgar Road, Newport, Isle of Wight.

**P**ART-TIME.—Lady, Hall Qualification, 4 years' Hospital and Pharmacy experience; East, City or West London; Vicarage, 400 Commercial Road, E.

**Q**UALIFIED Assistant (23) requires position; Dispensing, Counter, Window-dressing, etc.; excellent references; disengaged. "Zingiber," 41 Stephens Road, Tunbridge Wells.

**Q**UALIFIED Chemist and F.B.O.A. (24), as Manager or Assistant; conscientious worker; abstainer, trustworthy, honest; capable of taking sole charge Pharmacy and Optical; South of England; moderate salary. 2 York Road, Worthing.

**Q**UALIFIED, elderly, active; much experience; excellent Dispenser; locum or superintendent; disengaged. Haines, 72 Alexandra Road, N.W.8.

**Q**UALIFIED, elderly, active, married man offers part-time general assistance in or near N. or N.W. district, in return for living accommodation and fair salary; appreciate proposition or interview. "Spes," 146 High Road, East Finchley, N.2.

**Q**UALIFIED Lady, disengaged, seeks post; Manchester area preferred; excellent references and experience; Hospital and Retail. Mullen, 5 Snowdon Road, Eccles, Manchester.

**Q**UALIFIED Locum; odd days or week; extensive experience; capable Manager and Dispenser; well recommended. Chemist, 20 Streatham Hill, S.W.2.

**Q**UALIFIED, Manager or Assistant (34); married; present employers selling business; strongly recommended; 10 years' London experience, including N.H.I. 538/31, Office of this Paper.

#### NAMES AND ADDRESSES.

When sending advertisements for any of the sections in this Supplement, advertisers—as a guarantee of good faith and not necessarily for publication—should always give their names and addresses. It sometimes occurs that this rule is not followed and delay and disappointment ensue. Strict attention to this detail will be appreciated.

**Q**UALIFIED, middle-aged, active; supervise, part-time or any capacity; permanency preferred; moderate salary. G. Chatsworth, The Steyne, Worthing.

**Q**UALIFIED Scotsman, abstainer, desiring change seeks responsible position where hard work and ability is necessary; proved business builder. 539/16, Office of this Paper.

**Q**UALIFIED (22); good all-round London and Provincial experience; excellent references; desires permanency, London only; free one month. 538/36, Office of this Paper.

**Q**UALIFIED (24), tall, 4½ years' experience; capable Dispenser; post as Assistant preferred. Watkins, 44 Guilford Avenue, Surbiton, Surrey.

**R**E-ENGAGEMENT sought; M.P.S., M.I.C.O.; 20 years' West-End management experience; highest references. P.C.B. 96/27, Office of this Paper.

**S**COOTSMAN (24); energetic; Qualified; good knowledge Photography; accustomed to first-class Retail and Dispensing business; seeks employment in similar business. 536/39, Office of this Paper.

**S**ITUATION Wanted; Qualified; N.H.I. Dispensing, Prescribing, good Counterman; courteous and obliging; knowledge of Photography; disengaged. G., 64 Windermere Road, South Ealing, W.

**U**NQUALIFIED Lady Assistant; Counter, Dispensing and all shop duties; temporary or permanent. Swan, Ashley House, Endsleigh Gardens, W.C.1.

**W. H. HARRIS**, experienced locum, Manager, Dispenser or Temporary Relief, Qualified, trustworthy. 46 Argyle Square, King's Cross, W.C.1.

**Y**OUNG Lady (Scot), Qualified, wishes position; experience all classes customers and busy N.H.I.; tall; capable, industrious. 539/28, Office of this Paper.

**Y**OUNG LADY (21), Unqualified; quick and accurate Dispenser; N.H.I. and Private; 3½ years' experience in large country town; S.W. counties preferred. Advertiser, Pengarth, St. Agnes, Cornwall.

**£3 15s.**; M.P.S.; disengaged; 5 years' management last position; permanency or locum, London; all-round experience; excellent references. 537/10, Office of this Paper.

### WHOLESALE.

**A**CAPABLE Perfumer seeks to meet with a firm who will appreciate the introduction of a full range of formulas; skilled in actual manufacture; able to take sole control, and can produce accurate costings; understands the Export Trade. P.C.B. 96/26, Office of this Paper.

**A**QUALIFIED Chemist, with excellent connection with Doctors, Chemists and Hospitals in the West of England and South Wales, desires to represent known house; own car. 537/39, Office of this Paper.

**A**BOVE all you must have right costs to ensure net profit. Reliable, trustworthy Man (32), excellent experience Costing, Buying, Stocks, General Organisation, desires responsible appointment where this can be of service. Manufacturers of Packed Goods, Toilet Lines, Tablets, Pastilles, Salines, Ointments, &c., requiring good worker please write 538/40, Office of this Paper.

**A**DVERTISE your Winter Goods and increase your sales. Have Advertising Bills, Circulars, Free Samples distributed by reliable, experienced man; excellent references. S. Tootell, 22 Henry Street, C.-on-M., Manchester, 13.

**A**MBITIOUS Educated Gentleman, Unqualified, 10 years' Retail experience, accustomed to staff supervision, desires position as Chemist with a Manufacturing House. 335 Derby Road, Lenton, Nottingham.

**P**HARMACEUTICAL Chemist, England Prizeman of Fairchild Scholarship, Gold Medallist, seeks post with good Manufacturing House or Hospital; extensive Dispensing experience; preparation and assay of Galenicals, &c.; keen, young, anxious to prove ability; excellent references. 537/27, Office of this Paper.

**P**HARMACEUTICAL Chemist (25); 10 years' experience, 2 as University Demonstrator, mainly in Pharmaceutical Chemistry; desires post at home or abroad, preferably in wholesale, but would consider anything; varied experience; can control staff; not afraid of work. Write 536/27, Office of this Paper.

**R**EPRESENTATIVE desires re-engagement; Toilet, Sundries; 12 years' connection London and suburbs. 539/20, Office of this Paper.

**Y**OUNG Man (20), with 3 years' Retail experience, Counter Work, Dispensing, &c., also Wholesale experience and connection in East London, requires position as Representative for Wholesaler; Drugs, Sundries or Toilet. Nosliw, 12 Maybank Road, South Woodford, London, E.18.

**Y**OUNG Scot, 9 years' London and country general Retail experience, requires post as Representative, or in Wholesale with view to representing; car driver. 539/12, Office of this Paper.

**CLEAR OUT**—your Old or Damaged Stock of Photo Goods.

Why keep them any longer? Turn them into CASH.  
I GIVE BEST PRICES for Old Films (damaged, fogged or expired dates); Packet Papers, Cards (any sizes), Old Photo Goods or Cameras, Bromide Papers, Plates (all sizes, all makes). Send any goods in the photo line. I buy all, good or bad. Cash per return. A good price for all Cameras. Send them along.

**S. E. HACKETT, 23 July Road, Liverpool**

### FOR SALE.

(Articles to the value of £5-£50.)

**C**ASH REGISTER, National, only used four years, condition as when bought; gives automatic total. R. Daniels, 16 Kenwyn Road, Wimbledon, S.W.20.

**R**ONEO Duplicator, as new, with complete equipment, Stencils, Ink, Paper &c., £12. Corona Typewriter, Portable, 4-bank, 2 colour and Stencil, almost new; 1931 model, £8. All-Weather Automatic Weighing Machine; illuminated dial; finished in red cellulose; makers, Hudsons; indistinguishable from new; cost £20; accept £20. Take £35 for lot. 538/4, Office of this Paper.

### MISCELLANEOUS.

**A** QUANTITY of shop-soiled and second-hand Shop Fittings at Bargain Prices; 6 ft. Block Counter, £8 10s.; Silent Salesman Cases, £3 10s.; Perfume Cases; Counters; Wall Cases and Drug Fittings. Call or write, PHILIP JOSEPHS & SONS, LTD., 90/92 St. John Street, Clerkenwell, E.C.1.

**C**HEMISTS' FITTINGS.—We hold an immense stock of Drug Fittings, Dispensing Screens, Glass Fronted Counters, Perfumery Cases, Nests of Drawers, Wall Cases, Silent Salesmen, Upright and Flat Counter Cases, Plate-Glass Counters, Cash Tills, Display Stands and Glass Shelves, &c., ready for immediate delivery at competitive prices. Write or call for List. F. MAUND & E. BERG (SHOWCASES), LTD., 175/9 and 336 Old Street, London, E.C.1.

**L**IMITED COMPANIES REGISTERED.—I have now been engaged in this work over 20 years, so you may rely that my experience in Chemist and other Companies (I take all trades) is hard to beat. Most reasonable and inclusive Fee. Advice free. A. B. SLACK, 721 Princess Road, West Didsbury, Manchester.

**S**ACCHARIN.—We can supply the Raw Material and an easy and simple process for the manufacture of Saccharin. Write "X" 227/258, Office of this Paper.

**S**HOPFITTINGS and Fixtures. King's can equip a Pharmacy with a complete range of modern fixtures in oak or mahogany from £75; we would welcome a visit to our showrooms; now ready, new catalogue No. C.D. 1013, post free on application. J. C. KING, LTD., 42-60 Goswell Road, London, E.C.1.

**£9—COMPLETE CHEMIST FITTINGS** at any price you wish to pay. We have erected in our showroom a Complete Chemist Shop with Metal Shop Front, Window Backs, Correct Window Lighting Signs and Modern Interior Fittings. Apply for Lists. D. MATTHEWS & SON, LTD., "The Liverpool Shop Fitters," 14 and 16 Manchester Street, Liverpool. Est. 1848.

### EXCHANGE COLUMN.

#### WANTED.

**A**MOVON Foot Paste, 4½d. size, wanted; good condition. 538/37, Office of this Paper.

**O**PTICAL Trial Case, Frame, &c., for student; serviceable; cheap. Particulars to 537/14, Office of this Paper.

**S**HOP Rounds, Pill and Cachet Machines wanted. Details to 538/39, Office of this Paper.

Price lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

# THE CHEMIST'S COMPACT LIBRARY

## Every Book by an Expert

### Pharmaceutical Formulas

(P.F. Vol. 1)

The tenth edition of this, the most complete pharmaceutical formulary in the English language, comprises (1) selected formulas from the British, United States and several other pharmacopeias; (2) unofficial formulas from hospital pharmacopeias and other sources, British, colonial and foreign; (3) known, admitted and approved remedies (218 pages) taken from previous editions of "Pharmaceutical Formulas" and from *The Chemist and Druggist* Diaries; (4) concise descriptions of practical methods of manufacture, adapted to the retail shop; (5) an Appendix comprising laws and regulations governing the sale of poisons, the hours of closing, medicine-stamp duty, the use of spirits and many other data — e.g., a solubility table and chart. This volume contains 1146 pages.

Price 15s., by post 15s. 9d.

### Pharmaceutical Botany

An attractively written book, dealing with the plants mentioned in the examination syllabus of the various pharmaceutical examining bodies. Botanical terms which at first sight are forbidding in appearance are explained so that the meaning is made crystal clear. A useful gift for apprentices and assistants who have not passed the qualifying examinations.

Price 5s., by post 5s. 4d.

### The Art of Dispensing

The tenth edition of this well-known work is now ready. The book has been thoroughly revised and considerably improved, while maintaining the features which have made it so popular with several generations of students. It is kept by chemists in the dispensary for ready reference in cases of difficulties arising in the course of the day's work.

Price 8s., by post 8s. 6d.

### Veterinary Counter Practice

Chemists interested in veterinary practice will find the work indispensable, as it deals with the ailments of horses, cattle, sheep, pigs, dogs, and poultry, and the remedies that can be supplied. New edition 1930 (Eighth) brings this book thoroughly up to date.

Price 7s. 6d. net, by post 8s.

### The Photographic Chemist

This is a concise guide to chemists commencing and carrying on a photographic department. The book is a reprint of the treatise in *The Chemist and Druggist Diary*, 1926, with additional chapters and formulas.

Price 3s. 6d., by post 3s. 8d.

FOREIGN CORRESPONDENTS ARE REQUESTED TO NOTE THAT THE POSTAGE IS  
2d. EXTRA FOR EACH BOOK.

*May be obtained at the published prices from the Wholesale Drug or Sundries House or from :—*  
**THE CHEMIST AND DRUGGIST, 28 ESSEX STREET, STRAND,  
LONDON, W.C.2**

Branch Offices : Paris ; Melbourne and Sydney, Australia ; Auckland, New Zealand ;  
Manchester : 49 County Buildings ; Sheffield : 54 Foster's Buildings.  
Glasgow : 19 Waterloo Street.

### Diseases and Remedies

Now in its sixth edition (March, 1931). It has been carefully revised by an experienced medical practitioner and parts of the book have been rewritten.

Price 5s., by post 5s. 3d.

### Wootton's Chronicles of Pharmacy

In two vols., maroon cloth, comprising 770 pages.  
Price 10s. 6d. net, by post 11s. 3d.

### Practical Methods of Urine Analysis

This department of chemistry is one which those behind the retail counter can profitably cultivate. The object of this book is to give chemists exactly the information they want on the subject. The book was written by a pharmacist who was an expert in this work, and has been revised by a medical practitioner and lecturer of long experience in clinical analysis. (Fourth Edition). Contains 97 pages.

Price 4s. net, by post 4s. 3d.

### The Chemists' Dictionary of Medical Terms

A small book which explains the meaning of medical terms as to which customers often inquire from chemists. In addition to concise definitions of these technical terms, notes are given on the treatment of the more important ailments.

Price 3s. 6d., by post 3s. 8d.

### The C. & D. Price List Formulary, "P.L.F."

All users of the C. & D. Retail Dispensing Price List require a copy of this Formulary. It brings together the formulas for unofficial preparations, the prices of which are quoted in the Price List. It is a choice collection of good formulas for articles in everyday request by the public.

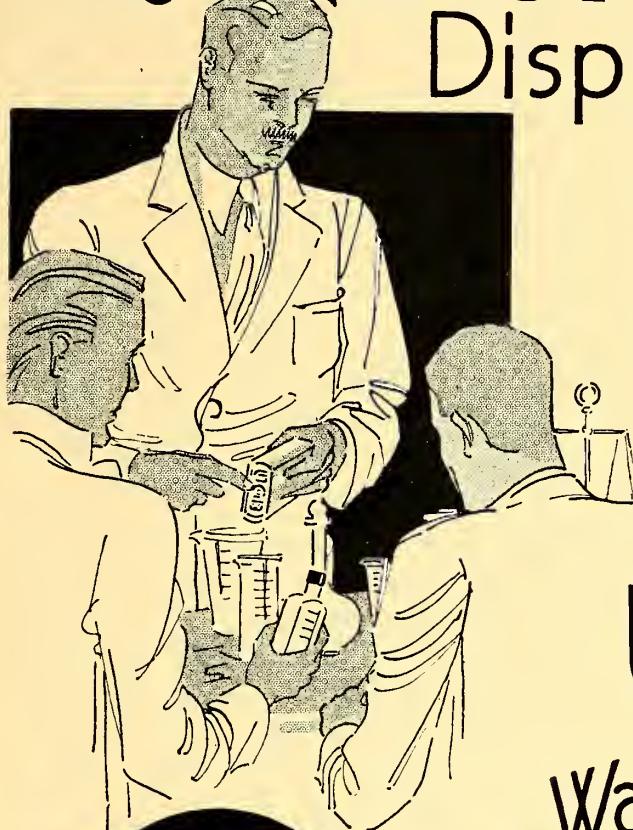
Price 2s. 6d. post free.

### Provincial Hospital Pharmacopœias

Uniform with the "Chemists' Dictionary," contains 296 pages and consists of formulas for medical prescriptions used in twenty-two hospitals and infirmaries in Great Britain outside the London district.

Price 3s. net, by post 3s. 2d.

# The INDISPENSABLE Dispensing Service!



THE special U.G.B. process of Sterilizing by passing every single bottle through boiling distilled water and drying in super-heated filtered air has proved a boon to the busy dispenser.

Straight from sealed fibre dust-proof cartons—ready for instant use—sparkling bright and scientifically sterile.

## U.G.B. Washed & Sterilized MEDICAL BOTTLES



Packed in Sealed Non-Returnable  
Standardized Fibre Cartons in the  
Following Quantities Only

1 oz. Packed 2 gross per case.	8 oz. Packed 6 doz. per case.
2 oz. " 1½ " "	10 oz. " 4 " "
3 oz. " 1 " "	12 oz. " 4 " "
4 oz. " 1 " "	16 oz. " 4 " "
6 oz. " 6 dozen " "	20 oz. " 3 " "

UNITED GLASS BOTTLE  
MANUFACTURERS • LIMITED

The Largest Manufacturers of Glass Bottles in Europe.  
40-43 NORFOLK STREET, STRAND, LONDON,  
Telephone: W.C.2. Telegrams: TEMPLE BAR 6680 (10 lines) "Unglaboman, Estrand, London"

**Purified Vitamin A**  
—The anti-infective and growth-sustaining vitamin

**Pure Crystalline Vitamin D**  
—The antirachitic and calcifying vitamin.

In measured and scientifically-balanced proportions.

Safeguards against colds and influenza, ensures healthy growth with correct formation of bones and teeth. Acts generally as a health-preserving tonic.

For persons of all ages at all times of the year but particularly during the winter months.

It is invaluable for both mother and infant during expectancy and lactation, and it should form an addition to the daily diet of every growing child.

Samples available on request

**RADIOSTOLEUM**

Every customer who enters your pharmacy is a potential user—hence it is wise to give Radiostoleum a prominent position.

**THE BRITISH DRUG HOUSES LTD.  
LONDON N.1**

RSTM.167



